aiwa

COMPACT DISC CARRY COMPONENT SYSTEM
SISTEMA DE COMPONENTES DE DISCOS COMPACTOS PORTATIL
MINICHAINE PORTABLE A LECTEUR DE CD

CA-DW635

OPERATING INSTRUCTIONS
See page 2.
En (English)

MANUAL DE INSTRUCCIONES
Ver la página 18.
E (Español)

MODE D'EMPLOI
Voir page 34.
F (Français)

8Z-CT4-905-01
981205AAO-I-S

U

COMPACT disc DIGITAL AUDIO

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NetVanta 1355

VoIP Multiservice Access Gateway

Physical Interfaces

Network Interface Modules (NIMs)

- T1/FT1
- Dual T1
- T1/FT1 with DSX-1

Voice Interface Modules (VIMs)

- T1/PRI
- Four-port Analog Trunk (FXD)
- Four-port Analog Station (FXS)
- Two-port Analog Trunk/Two-port Analog Station (FXD/FXS)

24 Fast Ethernet PoE Ports

- 10/100 Base-T
- Auto-Duplex
- Auto-Rate
- Auto-MDI/MDI-X
- 802.3af PoE Compliant

Gigabit Ethernet Port

- Two 10/100/1000Base-T Ports for Copper Connectivity
- Two SFP Slots for Dptical Connectivity
- Auto-Duplex
- Auto-Rate
- Auto-MDI/MDI-X

Integrated

- Two Analog Trunks (FXD)
- Two Analog Stations (FXS)
- CompactFlash®
- Page
- 10/100Base-T Ethernet
- DB-9 Craft Port
- Door Relay

Status LEDs

- Power
- **WAN:** Link, Activity, Alarm, Test
- **DBU:** Link, In DBU, Alarm, Test
- **Ethernet Port Status:** Link, Activity, PoE Status

Analog Phone Features

- Analog Trunks
  - Loop Start/Ground Start
  - FSK Capture of Caller ID Name/Number
  - Two Integral, 10 Maximum
- Analog Stations
  - Loop Start DTMF
  - 1500 Feet over 26 AWG
  - Two Integral, 10 Maximum
- Call Detail Records (SMDR)
- Caller ID Name/Number Dverride (Internal and External)
- Classes of Service
- Codec Support Includes G.711 and G.729
- Configurable Dial Plan
- Door Relay
- Door Phone
- Global Call Coverage Lists
- IP Stations (100 Maximum; SIP Hardphone or Softphone)
- Least-Cost Routing
- Dutgoing Number Substitution
- Ring Groups (Ring All, Circular Hunt Group, UCD, Executive)
- System Speed Dial
- T1 trunks
- Trunk Groups
- Variable Length Extension Numbers (3-digit, 4-digit)
- Voice Mail (via External Server)
- Virtual Extensions (20)

IP Station Features

(Varies with feature server/gateway)

- Call Drop
- Call Forward (All, Busy, No Answer)
- Call Forward to Dutside Line (Cell Phone)
- Call Hold
- Caller ID Name/Number
- Call Logs
- Call Park
- Call Park Retrieve
- Call Transfer
- Call Waiting
- Conferencing (3-person)
- Do Not Disturb
- Headset Jack
- Message Waiting Light
- Missed Call Indicator
- Multiple Call Appearances
- Music on Hold
- Mute
- Dverhead Paging
- Personal Call Routing (Call Coverages)
- Redial
- Speakerphone
- Volume Control

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BLOCK1

CHANNEL	VALUE	FUNCTION
1	0⇔255	BLOCK1 RED
2	0⇔255	BLOCK1 GREEN
3	0⇔255	BLOCK1 BLUE
4	0⇔255	BLOCK2 RED
5	0⇔255	BLOCK2 GREEN
6	0⇔255	BLOCK2 BLUE
7	0⇔255	BLOCK3 RED
8	0⇔255	BLOCK3 GREEN
9	0⇔255	BLOCK3 BLUE

BLOCK2

CHANNEL	VALUE	FUNCTION
1	0⇔255	BLOCK1 RED
2	0⇔255	BLOCK1 GREEN
3	0⇔255	BLOCK1 BLUE
4	0⇔255	BLOCK1 WHITE
5	0⇔255	BLOCK1 AMBER
6	0⇔255	BLOCK2 RED
7	0⇔255	BLOCK2 GREEN
8	0⇔255	BLOCK2 BLUE
9	0⇔255	BLOCK2 WHITE
10	0⇔255	BLOCK2 AMBER
11	0⇔255	BLOCK3 RED
12	0⇔255	BLOCK3 GREEN
13	0⇔255	BLOCK3 BLUE
14	0⇔255	BLOCK3 WHITE
15	0⇔255	BLOCK3 AMBER

ARC 1

CHANNEL	VALUE	FUNCTION
1	0⇔255	RED
3	0⇔255	GREEN
4	0⇔255	BLUE

2 INSTALLATION

2.1 MOUNTING

UPRIGHT

The LED MODULE can be mounted in an upright or sitting position using the supporting brackets.

HANGING

The LED MODULE can be mounted in a hanging position using the support frame. It is possible to use any bolt of the correct size and strength to mount the fixture. It is recommended to use at least 2 mounting points per fixture. Mounting with a clamp or other mounting bracket is recommended depending on the requirements of your application.
For overhead use, always install two secure-chains that can hold at least 10 times the weight of the fixture.

NOTE The LED MODULE can be mounted at any angle . It is possible to further adjust the angle of the LED MODULE using the adjustment knobs located on the side of the fixture.

2.2 POWER CONNECTIONS

@ 220V: 12 units may be connected in series

@120V: 6 units may be connected in series

Note: If over 30 units to be connected, then a DMX signal amplifier is needed.

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1.3.4.3 Mode Recognition Pull-in

The monitor shall recognize preset modes within a range of +/-1KHz whichever is less for horizontal ; and within +/-1Hz for vertical.

1.3.4.4 User Display Modes

In addition to the factory pre-set video modes, provisions shall be made to store up to 9 user modes. If the current mode is a user mode, the monitor shall select its previously stored settings. If the user alters a setting, the new setting will be stored in the same user mode. The user modes are not affected by the pre-set command. If the input signal requires a new user mode, storage of the new format is automatically performed during user adjustment of the display (if required).(Please see Note.(4))

Preset timing Chart

Preset Timing Chart

Item	No	Resolution	H-Sync (KHz)	V-Sync (KHz)	Band Width (MHz)	Polarit H	Polarit V	Source
1	T103	640x480@60Hz	31.469	59.941	25.175	-	-	VESA
2	T173	640x480@72Hz	37.861	72.809	31.500	-	-	VESA
3	T109	640x480@75Hz	37.500	75.000	31.500	-	-	VESA
4	T182	640x480@66.66Hz	35	66.66	30.24	-	-	MAC
5	T102	720x400@70Hz	31.469	70.087	28.322	-	+	VGA
6	T104	800x600@56Hz	35.156	56.250	36.000	+	+	VESA
7	T116	800x600@60Hz	37.879	60.317	40.000	+	+	VESA
8	T117	800x600@72Hz	48.077	72.188	50.000	+	+	VESA
9	T110	800x600@75Hz	46.875	75.000	49.500	+	+	VESA
10	T108	832x624@74.55Hz	49.722	74.55	57.28	-	-	VESA
11	T118	1024x768@60Hz	48.363	60.004	65.000	-	-	VESA
12	T157	1024x768@70Hz	56.476	70.069	75.000	-	-	VESA
13	T141	1024x768@75Hz	60.023	75.029	78.750	+	+	VESA
14	T203	1152x870@75Hz	68.700	75.000	84.520	-	-	
15	T126	1152x864@75Hz	67.5	75	108	+	+	
16	T161	1280x960@60Hz	60	60	108	+	+	VESA
17	T179	1280x1024@60Hz	63.981	60.020	108.000	+	+	VESA
18	T131	1280x1024@75Hz	79.976	75.025	135.000	+	+	VESA
19	T339	1280x720@60Hz	44.955	59.940	74.176	+	+	
20	T213	1280x800@60Hz	49.702	59.810	83.500	+	+	
21	T278	1366x768@60Hz	47.712	59.790	85.500	-	-	

1.3.5 Controller Requirements

1.3.5.1 General Requirements

The monitor shall include a controller capable of converting the analog RGB signal from a standard SXGA resolution video controller in the CPU to a signal which can be displayed on the panel. The controller will include a PLL, A/D converters, LVDS transmitter and other circuitry necessary to perform its function. The PLL shall be stable enough to ensure that a static image from the CPU is placed in the same physical location on the flat panel in each frame.

1.3.5.2 Video Stretching

The monitor shall contain provisions to "stretch" the video signal, so that an input signal from the computer in any resolution smaller than 1366 x 768 is automatically expanded to fill the entire screen.

1.3.5.3 Panel Timing and Interface

The controller supplied with the monitor shall control all panel timing. This controller shall adequately insulate the monitor from the computer, so that no possible combination of input signals from the computer shall cause damage to the flat panel or any other component of the monitor. The LCD panel interface shall support the TFT standard.

1.3.6 DC - AC Inverter Requirements

The DC-AC inverter is on the power board. The frequencies used by the DC-AC inverter used to power the backlight shall be chosen so as to prevent any noticeable effects on the flat panel (such as a rolling effect).

1.3.7 Power Supply Requirements

The AC to DC converter power supply for the monitor shall be an external AC to DC converter "brick" This brick shall have an IEC receptacle for main power input and a pin - in ---socket for DC power out. The brick shall provide sufficient power for both the monitor and the backlight assembly, and shall meet requirements specified in Table 2.

Table 2. AC TO DC Converter Requirements

Table 2
AC to DC Converter Requirements

Input Voltage Range	The operating range shall be from 90 to 132 and 195 to 265 AVC sinusoidal for all models specified.
Input Frequency Range	Input power frequency range shall be from 47 to 63 Hz over the specified input voltage range.
Power Consumption	Power consumption for the monitor shall be less than W over the specified voltage and frequency ranges. In suspend or sleep mode the power consumption will be less than 2W.
Line Fuse	The AC input shall be fused and become electrically open as a result of an unsafe current level. The fuse many not be user replaceable.
Initial Cold Start	The power supply shall start and function properly when under full load, with worst case conditions of input voltage, input frequency, operating temperature, and cold backlight lamps.
Inrush Current	The inrush current must be limited to 30A when operated at 120VAC, and 50A when operated at 220VAC. Inrush current is measured at an ambient temperature of 25 °C, with the unit temperature stabilized in the poweroff.
Hot Start Cycle	The power supply shall be damaged when switched ON for one second and OFF for one second for seven consecutive after operating for one hour at full load, 25 °C, and nominal input line voltage.
Under Voltage	The power supply shall contain protectivecircuitry such that the application of an input voltage below the minimum specified in this table shall not cause damage to the power supply unit nor cause failure of the input.
Line Transient	The power supply shallperate within IEC 8044 (± 1KV) and IEC 801-5 (± 2KV) for the domestic U.S. version. The UPS power supply shall operate and comply with CE mark.

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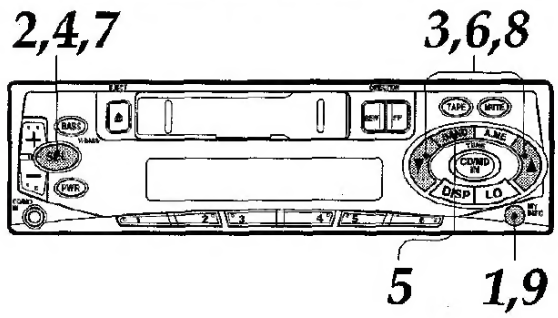
MY INFORMATION SWITCH

You can timer-activate the radio for a daily radio program. The unit turns on and off in Radio mode at the preset time automatically.

Setting the timer

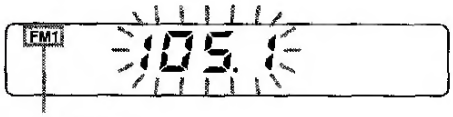


1 **With the unit off, press and hold MY INFO for more than 2 seconds.**
The "PO" indication flashes in the display window.

2 **Press SEL.**
Timer indication flashes.

3 **Set the time you wish the unit to turn on in Radio mode.**
Press TUNE▼ to set the hour.
Press TUNE▲ to set the minute.

4 **Press SEL.**
Radio indication flashes.



Band indicator

5 **Press BAND to select the band.**

6 **Tune in the station that you wish to preset with TUNE ▼ or TUNE ▲.**

7 **Press SEL.**
Timer indication flashes.

8 **Set the time you wish the unit to turn off.**
Press TUNE ▼ to set the hour.
Press TUNE ▲ to set the minute.

9 **Press and hold MY INFO for more than 2 seconds.**
Your setting is stored in memory and the unit turns off.

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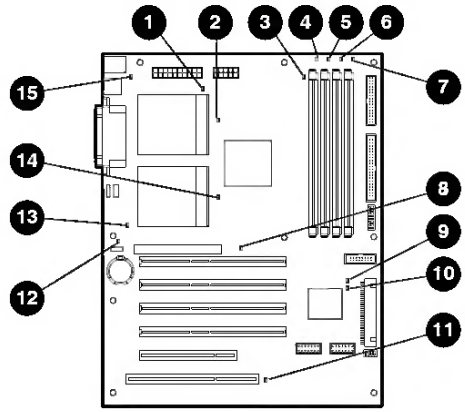

Table 1: System Board LEDs (continued)

Item	Description	Status	Means
9	Health	Off	Normal (system in standby mode)
		Green	Normal (system powered on)
		Amber	System degraded
		Red	System critical
10	Temperature threshold	Off	Temperature is normal
		Amber	Temperature threshold exceeded
11	Server Feature Board installation failure	Off	Server Feature Board is installed properly
		Amber	Server Feature Board is not installed properly
12	System fan failure	Off	Fan is functioning
		Amber	Fan is not installed or has failed
13	Processor 2 failure	Off	Processor 2 functioning
		Amber	Processor 2 failed
14	Processor 2 thermal	Off	Processor 2 temperature normal
		Amber	Thermal trip for processor 2 detected. Verify: ▪ Heatsink is properly installed. ▪ Server fans are properly installed and working. ▪ Ambient temperature is within an acceptable range[2].
15	Processor 1 failure	Off	Processor 1 functioning
		Amber	Processor 1 failed or missing

[2] See Appendix F, "Specifications," in the *Compaq ProLiant ML330 Generation 2 Server Setup and Installation Guide* for operational temperature requirements. (See *References.*)

26. ZOOM

Press this button to enlarge the picture when playing a DVD disc.

Press ZOOM button	**DVD player perform**
Once	Enlarge the picture 2 times of the original size
Twice	Enlarge the picture 3 times of the original size
3 times	Enlarge the picture 4 times of the original size
4 times	Picture is returned to original size

27. VOLUME DOWN (-) or UP (+)

Press to decrease or increase the volume of the wired headphones. Press to decrease or increase the level of the picture settings. The settings are available after the picture select button is pressed.

28. DVD Mode Select Button

Switches certain function keys on the remote control for DVD function.

29. MUTE

Press this button to mute the audio for wireless FMM, IR headphones and wired headphones. Pressing the button again restores the sound to the previously set level.

30. EJECT (▲)*

This button is used to eject the disc.

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RECIPES

Program Setting: 1 (White)

WHITE BREAD, 3-lb. loaf

2 cups water (80 to 90°F)
4 tbsp. butter or margarine, cut into pieces
2¼ tsp. salt
4 tbsp. dry milk powder
1 tbsp. sugar
5½ cups bread flour
1¼ tsp. bread machine yeast

1. Measure ingredients into bread pan in the order listed.
2. Insert bread pan securely into unit; close lid. Plug unit into wall outlet.
3. Select White setting and appropriate loaf size (3-lb.) and desired color.
4. Press Start/Stop (I/O) button.
5. The complete signal will sound when bread is done.
6. Using pot holders remove bread top from the unit and carefully remove bread and turn right side up. (Kneading paddles may remain in bread. Remove paddles when bread has cooled.)
7. Allow bread to cool on wire rack until ready to serve (at least 20 minutes).

Program Setting: 1 (White)

GOLDEN POTATD BREAD, 2-lb. loaf

¾ cup potato cooking water (80 to 90°F)*
½ cup warm mashed potatoes
2 tbsp. unsalted butter or margarine, cut into pieces
3 tbsp. dry skim milk powder
2 tbsp. potato starch
1 tsp. granulated sugar
1½ tsp. salt
1 large egg, at room temperature
4 cups bread flour
2¼ tsp. bread machine yeast

1. Measure ingredients into bread pan in the order listed.
2. Insert bread pan securely into unit; close lid. Plug unit into wall outlet.
3. Select Basic setting and appropriate loaf size (2 lb.) and desired color.
4. Press Start/Stop (I/O) button.
5. The complete signal will sound when bread is done.
6. Using pot holders, remove bread pan from the unit and carefully remove bread and turn right side up. (Kneading paddles may remain in bread. Remove paddles when bread has cooled.)
7. Allow bread to cool on wire rack until ready to serve (at least 20 minutes).

*Place peeled potatoes in saucepan of cold water. Bring to boil; reduce heat and cook until fork tender. Drain, reserving liquid. Mash potatoes without any additions of salt, butter or milk. Cool water from 80 to 90°F. and allow mashed potatoes to stand covered at room temperature for use.

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The Main Menu

The Main Menu is the default menu that appears in the OLED screen when the Player has been turned ON (see example illustration below).

The Main Menu options include the following "modes":

- Ø Music
- Ø Record
- Ø Voice (Replay)
- Ø FM
- Ø EBook
- Ø System

1. Use the NEXT and PREV buttons to scroll through the "mode" options until you reacb the desired mode.
2. *Press* the MODE button *briefly* once to confirm your selection and enter the relevant mode and its menu.

The function and options available within each of these modes is explained in greater detail in the remainder of this Manual.

Music Mode

Use the Music mode in order to play tracks/files that are on the Player.

Entering the Music Mode

In the Main Menu, use the NEXT and PREV buttons to scroll through the "mode" options until you reach the Music mode.

1. Press the MODE button *briefly once* to confirm your selection and enter the Music mode.

An example of the OLED screen in Music mode is shown below.

Once in the Music mode, you can begin to play tracks/files, as well as enter the File and Play menus.

The File and Play menus are explained in greater detail below.

File Menu (accessed when *not* playing a track or voice file)

After entering the Music or Voice mode, *but without playing a track/file*, press tbe MODE button

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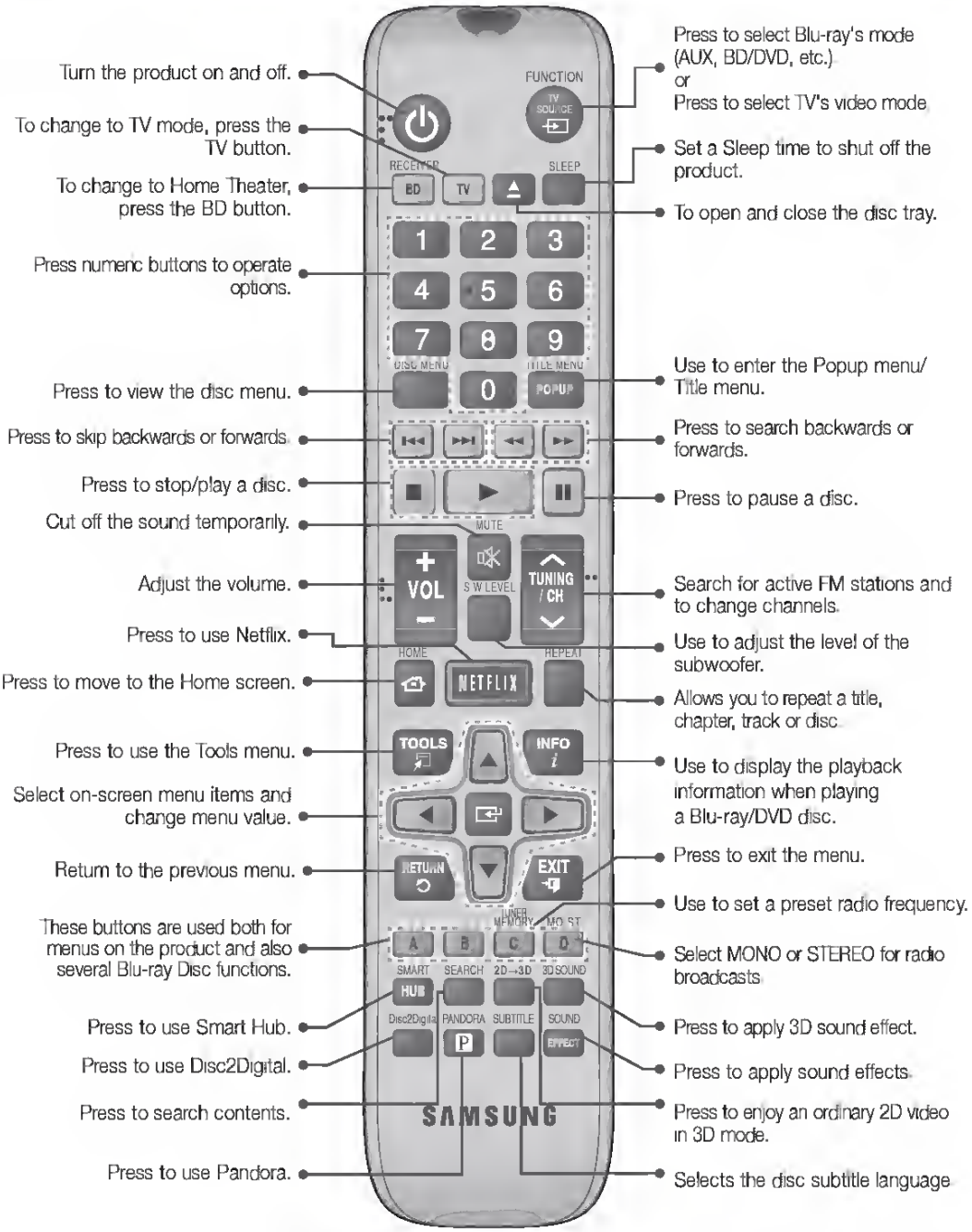
Remote Control

Tour of the Remote Control


Turn the product on and off.
To change to TV mode, press the TV button.
To change to Home Theater, press the BD button.
Press numeric buttons to operate options.
Press to view the disc menu.
Press to skip backwards or forwards.
Press to stop/play a disc.
Cut off the sound temporarily.
Adjust the volume.
Press to use Netflix.
Press to move to the Home screen.
Press to use the Tools menu.
Select on-screen menu items and change menu value.
Return to the previous menu.
These buttons are used both for menus on the product and also several Blu-ray Disc functions.
Press to use Smart Hub.
Press to use Disc2Digital.
Press to search contents.
Press to use Pandora.
Press to select Blu-ray's mode (AUX, BD/DVD, etc.) or Press to select TV's video mode
Set a Sleep time to shut off the product.
To open and close the disc tray.
Use to enter the Popup menu/ Title menu.
Press to search backwards or forwards.
Press to pause a disc.
Search for active FM stations and to change channels.
Use to adjust the level of the subwoofer.
Allows you to repeat a title, chapter, track or disc.
Use to display the playback information when playing a Blu-ray/DVD disc.
Press to exit the menu.
Use to set a preset radio frequency.
Select MONO or STEREO for radio broadcasts.
Press to apply 3D sound effect.
Press to apply sound effects.
Press to enjoy an ordinary 2D video in 3D mode.
Selects the disc subtitle language.
FUNCTION
TV SOURCE
RECEIVER
BD
TV
SLEEP
1 2 3
4 5 6
7 8 9
DISC MENU
0
TITLE MENU
POPUP
MUTE
VOL
S.W LEVEL
TUNING / CH
HOME
NETFLIX
REPEAT
TOOLS
INFO
RETURN
EXIT
TUNER MEMORY
MO/ST
A B C D
SMART HUB
SEARCH
2D→3D
3D SOUND
Disc2Digital
PANDORA
SUBTITLE
SOUND EFFECT
P
SAMSUNG

HT-E4500_ZA_0417-1(D2D).indd 13 2012-04-17 오후 6:24:52
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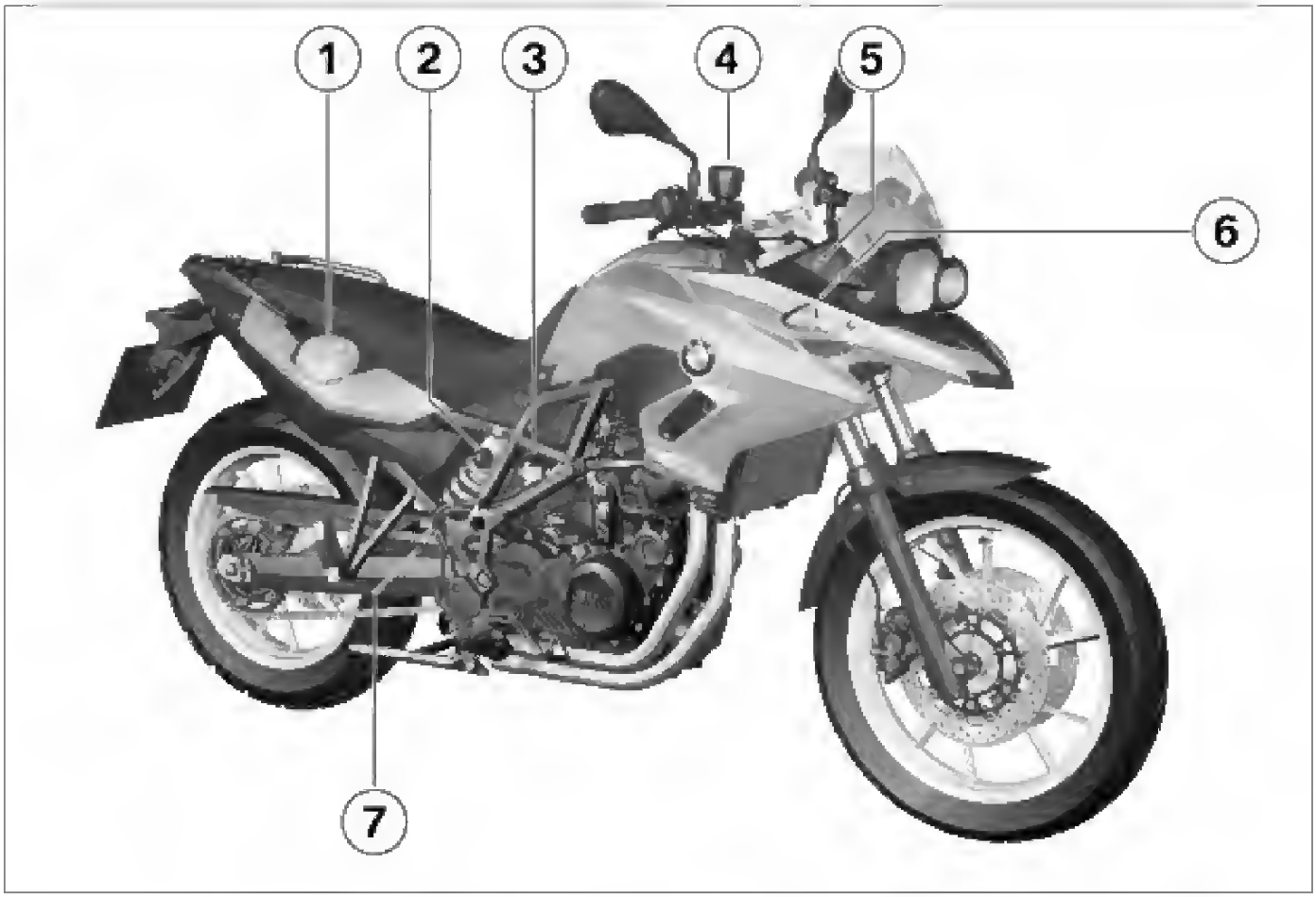

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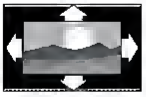
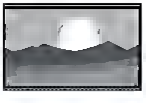
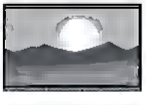


[Auto format] For selected models (Not for PC mode) Automatically display the suitable picture format If not, widescreen is applied

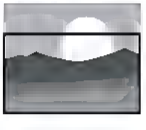
[Auto fill] For selected models Adjust the picture to fill the screen (subtitles remain visible) Recommended for minimal screen distortion but not for HD or PC



[Auto zoom] For selected models Enlarge the picture to fill the screen Recommended for minimal screen distortion but not for HD or PC

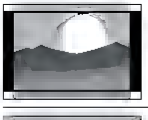


[Super zoom] (Not for HD and PC mode) Remove the black bars on the side of 4 3 broadcasts There is minimal distortion



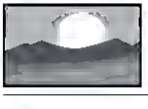
[Subtitle zoom] Displays 4 3 pictures over the full area of the screen with subtitles visible Part of the top of the picture is clipped off

[4:3] Show the classic 4 3 format



[Movie expand 14:9] (Not for HD and PC mode) Scales 4 3 format to 14 9

[Movie expand 16:9] (Not for HD and PC mode) Scale 4 3 format to 16 9



[Wide screen] Scale 4 3 format to 16 9

[Unscaled] For HD and PC mode only and in selected models only Allow maximum sharpness Some distortion may be present due to the broadcaster's systems Set your PC resolution to wide screen mode for best results

Use smart sound

Use smart sound to apply pre-defined sound settings

1 Press **ADJUST**

2 Select **[Smart sound]**, then press **OK**

3 Select one of the following settings, then press **OK**

- **[Personal]** Apply the settings that were customised in the sound menu
- **[Standard]** Settings that suit most environments and types of audio
- **[News]** Ideal settings for spoken audio, such as news
- **[Cinema]** (For selected models) Ideal settings for movies
- **[Game]** (For selected models) Ideal settings for games
- **[DRAMA]** (For selected models) Ideal settings for drama programmes
- **[Sports]** (For selected models) Ideal settings for sports programmes

Manually adjust sound settings

1 Press **HOME**

2 Select **[Setup]** > **[TV settings]** > **[Sound]**, then press **OK**

↳ The **[Sound]** menu appears

3 Select one of the following settings, then press **OK**

- **[Smart sound]** Access predefined smart sound settings
- **[Reset]** Reset to factory default settings

6. REMOTE PROVISIONING AND DIAGNOSTICS

Control Protocol

Remote access to provisioning and status information is accomplished using ADTRAN Digital System 6 Message protocol, defined in Control and Diagnostic Procedures Practice, Section 6032991-6. Digital System 6 is supported by the TPI 108/109 and 105 portable test set and is supported by Hekimian React 2001 Release 1.900 remote test system. The IDSL OCU-R network element complies with ANSI T1.107-1995, "Digital Hierarchy Format Specifications Annex G" which allows remote provisioning, querying, and performance monitoring via inband control of network elements.

NOTE

The REACT 2001 GUI software Release 1.900 supports ANSI T1.107-1995.

Remote access is accomplished using a defined set of inband DS0 byte sequences similar to the latching loopback sequence. Commands issued through the test system are recognized by the individual channel unit, which responds with the appropriate byte sequences. These inband commands may be used to verify options via dialogs with REACT 2001 and TPI 108/109 test sets. Unit CLEI, serial number, provisioning, and performance information can be retrieved remotely using the Digital System 6 protocol.

Provisioning and Status

All configuration options can be remotely viewed or provisioned. The front panel AP LED indicator *Flashes* during control link establishment and remains ON after the IDSL OCU-R has been remotely provisioned.

If the IDSL OCU-R has been remotely provisioned, the operator can alternate between remote configuration and manual switch settings by pressing the momentary LBK button located on the front panel for 5 seconds. If the IDSL OCU-R is removed from the system, the unit retains previous provisioning information in nonvolatile RAM.

The AP LED remains ON when the IDSL OCU-R is operating based on Remote Provisioning, and is OFF when operating on manual switches. See Table 5 for LED indication.

7. MAINTENANCE

The T200 IDSL OCU-R does not require routine maintenance for normal operation.

8. DEPLOYMENT GUIDELINES

The IDSL OCU-R allows a standard U-interface to be used to provide DDS over a single pair. Listed below are the loop design guidelines for deployment of DDS over IDSL.

- All loops must be nonloaded.
- Actual Measured Loss (AML) should not exceed 40 dB at 40 kHz (135 Ω termination), the Nyquist frequency of a U-interface.
- Total bridged tap length should not exceed 2 kft.

NOTE

If any of the above Deployment Guideline criteria are not met, design should be considered using Total Reach DDS, with the exception of the first bullet.

---

9. WARRANTY AND CUSTOMER SERVICE

ADTRAN will replace or repair this product within 10 years from the date of shipment if it does not meet its published specifications or fails while in service (see *ADTRAN Carrier Networks Equipment Warranty, Repair, and Return Policy and Procedure,* document 60000087-10).

Contact Customer and Product Service (CAPS) prior to returning equipment to ADTRAN.

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7.Disassemble & Assemble

7.1 Tools

1) PIN Tool
2) Plastic Bar
3) Cross Screwdriver
4) Tweezers

7.2 Disassembly Steps

1) Remove the SIM 1 tray and SIM 2/SIM SD tray by PIN tool

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Video modes

E182H&E192HQ			
Mode	Mode name and resolution	Horizontal frequency (kHz)	Vertical frequency (Hz)
1	640x480	31.469	59.941
2	640x480	37.861	72.809
3	640x480	37.500	75.000
4	MAC 640x480	35	66.66
5	VESA 720x400	31.469	70.087
6	SVGA800x600	35.156	56.250
7	SVGA 800x600	37.879	60.317
8	SVGA 800x600	48.077	72.188
9	SVGA 800x600	46.875	75.000
10	MAC 832x624	49.722	74.55
11	XGA 1024x768	48.363	60.004
12	XGA 1024x768	56.476	70.069
13	XGA 1024x768	60.023	75.029
14	VESA 1280x720	44.955	59.940
15	WXGA 1280x800	49.702	59.810
16	WXGA 1366 x768	47.712	59.790

E202H			
Mode	Mode name and resolution	Horizontal frequency (kHz)	Vertical frequency (Hz)
1	640x480	31.469	59.941
2	640x480	37.861	72.809
3	640x480	37.500	75.000
4	MAC 640x480	35	66.66
5	VESA 720x400	31.469	70.087
6	SVGA 800x600	35.156	56.250
7	SVGA 800x600	37.879	60.317
8	SVGA 800x600	48.077	72.188
9	SVGA 800x600	46.875	75.000
10	MAC 832x624	49.722	74.55
11	XGA 1024x768	48.363	60.004
12	XGA 1024x768	56.476	70.069
13	XGA 1024x768	60.023	75.029
14	MAC 1152x870	68.681	75.062
15	VESA 1152x864	67.5	75
16	VESA 1280x720	44.955	59.940
17	WXGA 1280x800	49.702	59.810
18	WXGA+ 1600x900	55.990	59.946

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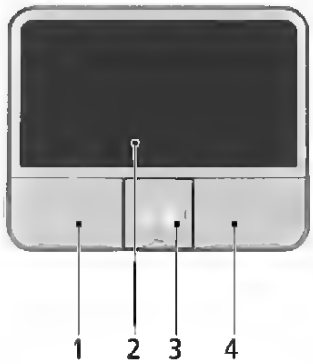
Touchpad

The built-in touchpad is a pointing device that senses movement on its surface. This means the cursor responds as you move your finger across the surface of the touchpad. The central location on the palmrest provides optimum comfort and support.

Touchpad basics

The following items show you how to use the touchpad:



- Move your finger across the touchpad (2) to move the cursor.
- Press the left (1) and right (4) buttons located beneath the touchpad to perform selection and execution functions. These two buttons are similar to the left and right buttons on a mouse. Tapping on the touchpad is the same as clicking the left button.
- Use the 4-way scroll (3) button to scroll up or down and move left or right a page. This button mimics your cursor pressing on the right scroll bar of Windows applications.

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APPENDIX B

S/T BUS CONFIGURATIONS

SHORT PASSIVE BUS

The short passive bus configuration allows the connection of up to eight TEs at any point on the bus. The bus length is limited to 600 feet, as illustrated in Figure B-1. To select this bus configuration, set switch 1-2 to the Short position. The bus termination resistors (TRs) can be placed at any point along the bus. If the TEs have internal TRs that can be optioned, only one TE's TRs should be enabled. The TRs in the NT1 Type 400 are enabled by setting switches 1-3 and 1-4 to the ON position, and switches 1-5 and 1-6 to the OFF position. If the unterminated TEs are placed within 20 feet of the NT1, set switches 1-3 and 1-4 to the OFF position, and switches 1-5 and 1-6 to the ON position. The switch settings should always be maintained, unless an external 100 ¾ resistor is being used. If an external TR is used, set switches 1-3 through 1-6 to the OFF position.

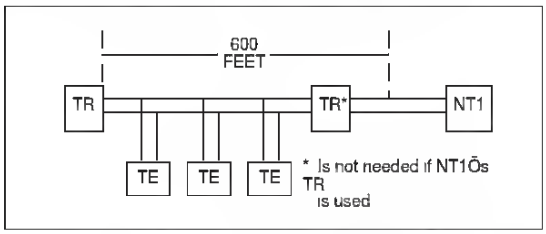

Figure B-1: Short Passive Bus Configuration

EXTENDED PASSIVE BUS

This bus configuration allows the connection of up to eight TEs at ranges up to 3000 feet from the NT1 Type 400, as illustrated in Figure B-2.
To select this mode, set switch 1-2 to the Long position. A TR must be centrally located to the TEs. The TRs in the NT1 Type 400 are enabled by setting switches 1-3 and 1-4 to the ON position, and switches 1-5 and 1-6 to the OFF position. These switch settings should always be maintained, unless an external 100 ¾ resistor is being used. If an external TR is used, set switches 1-3 through 1-6 to the OFF position.

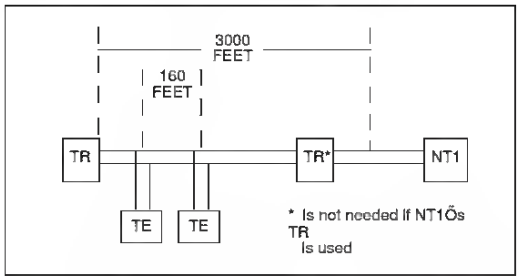

Figure B-2: Extended Passive Bus Configuration

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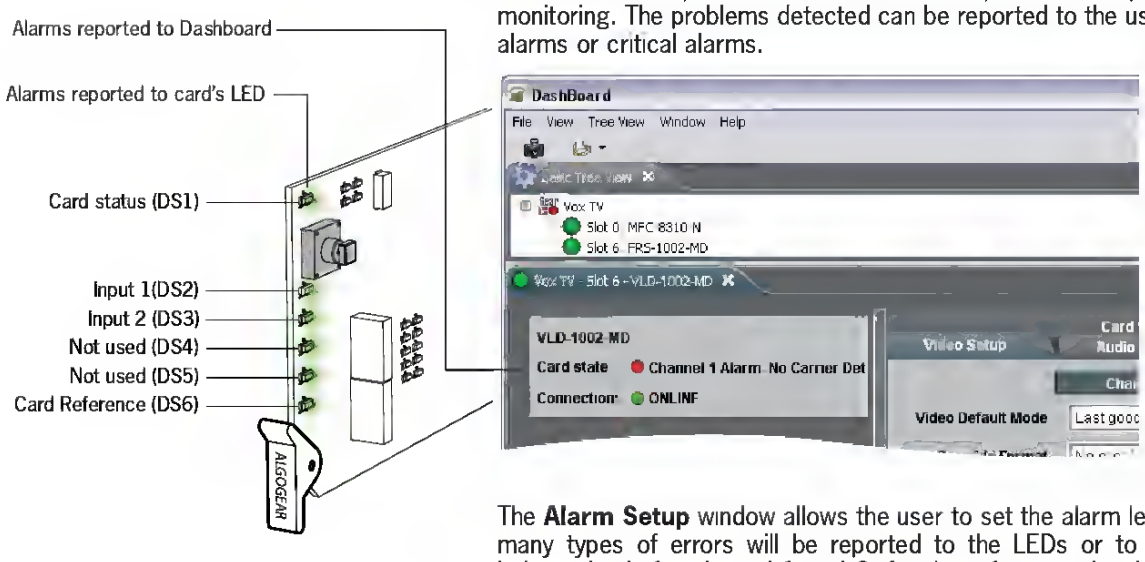
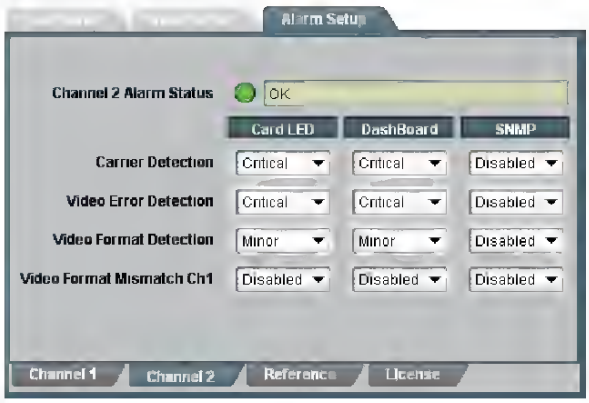
The Alarm Setup Window

Problems detected by the VLD-1002-MD card are transmitted as alarms to the card's LED, to the Dashboard interface, and to the optional SNMP monitoring. The problems detected can be reported to the user as minor alarms or critical alarms.



The **Alarm Setup** window allows the user to set the alarm level at which many types of errors will be reported to the LEDs or to Dashboard, independently for channel 1 and 2, for the reference signal and for the license key detection. The alarm signals can also be disabled.



Minor: When the alarm level for a specific type or error is set to minor, the card's LED will report the problem with a yellow light and Dashboard with a yellow circle next to an error message describing the problem.

Critical: When the alarm level for a specific type or error is set to critical, the card's LED will report the problem with a red light and Dashboard with a red circle next to an error message describing the problem.

Carrier and video detection errors on input 1 are always reported as critical and cannot be set otherwise.

The **Alarm Setup** settings are automatically saved to memory and are recalled after a power-up.

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Panic Keys

Using Panic Keys

Your system may have been programmed to use special keys to manually activate emergency (panic) functions as follows:

This Function	Sends this signal*	With This Sounding...
Silent Alarm	silent alarm	no audible alarm or any visual display indicating that a silent alarm has been initiated.
Audible Alarm	audible alarm	a loud, steady alarm at touchpad(s) and at any external sounders that may be connected.
Personal Alarm	emergency alarm	steady alarm sound at touchpad(s), but not at external bells or sirens.
Fire Alarm	fire alarm	temporal (pulsing) sound at external bells and sirens.

*All panic functions send signals to the Customer Care Center, if connected.

To active a Panic Function:

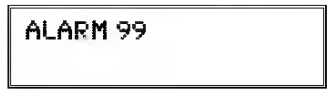
Press and hold down for at least 2 seconds whichever lettered key on the touchpad has been programmed for the desired emergency function.

OR

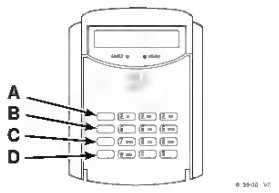
Press both keys of the assigned key pair at the same time.

English Display: READY

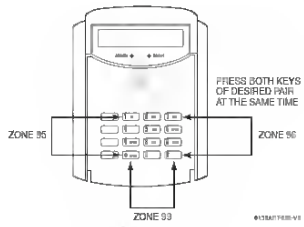
Typical Panic Display:



English Display:
99 and ALARM



Lettered Panic Keys



Panic Key Pairs

See your installer and use the chart provided in the ***Features Programmed in Your System*** section to note the functions that have been programmed for your system.

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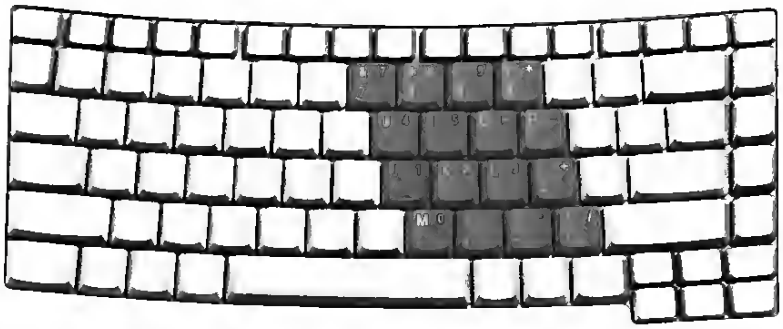
Embedded numeric keypad

The embedded numeric keypad functions like a desktop PC's numeric keypad. It is indicated by small characters located on the right-hand side of the keycaps.



Desired action	Num Lock on	Num Lock off
Type numbers	Use embedded keypad in the same was as the numeric keypad on a standard keyboard.	
Type letters	Hold <Fn> while pressing the key within the embedded keypad.	Type the letters in a normal manner.

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20 Blocking or Clearing All Channels at the Same Time

After blocking specific channels there may come a time when you want to block or clear all the channels at the same time.
Once you've entered your access code and the AutoLock™ features are displayed on the screen:

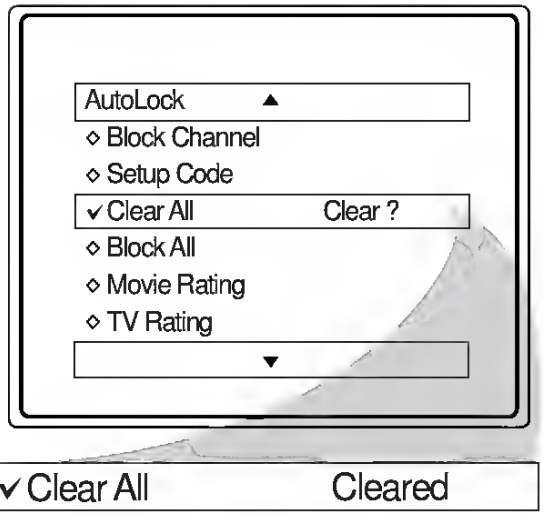
1 **Press the CURSOR UP ∧ or DOWN ∨ buttons** to select either CLEAR ALL or BLOCK ALL.

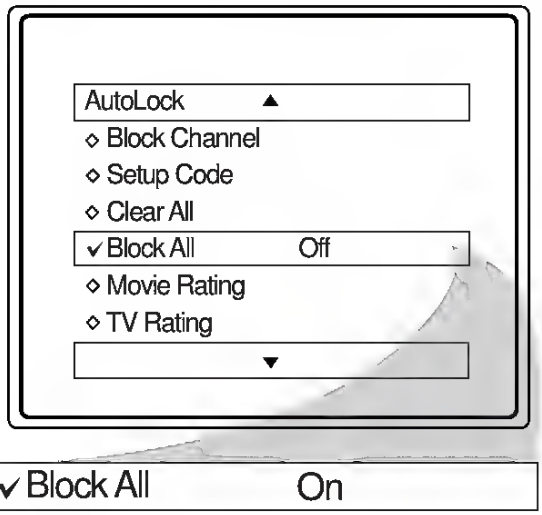
2 **If CLEAR ALL is selected, press the CURSOR RIGHT > button** to clear all blocked channels. All channels will be viewable.

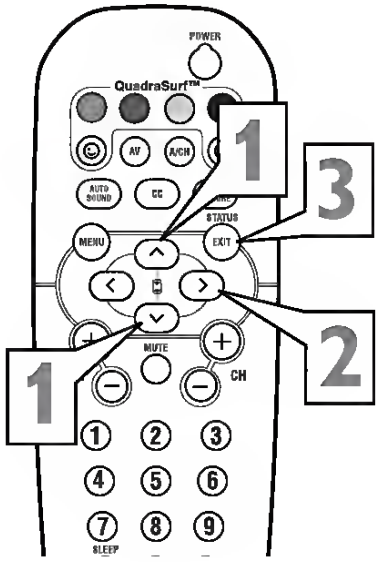
If BLOCK ALL is selected, press the CURSOR RIGHT > button to turn the control ON or OFF. When ON is selected, ALL available channels will be blocked from viewing.

3 **When finished, press the STATUS/EXIT button** to remove the menu from the screen.

NOTE: If you ever forget your code, the 0, 7, 1, 1 code is the factory default and can be used to enter and create a new access code.







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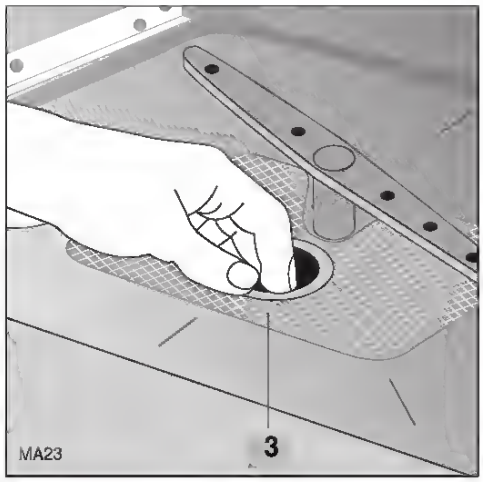
6. Remove the flat filter (3) from the base of the washing compartment and clean both faces thoroughly.
7. Put the flat filter back in the base of the washing compartment.
8. Place the coarse/fine filter in the microfilter and press together.
9. Put the filter combination in place and lock by turning the handle clockwise to the stop. During this process ensure that the flat filter does not protrude above the base of the washing compartment.



Under no circumstances may the dishwasher be used without filters.

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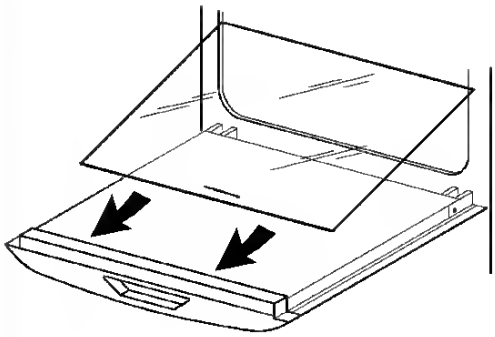
TO REPLACE THE INNER GLASS PANEL

1. Holding the glass panel in your right hand fully open the oven door with your left.
2. Gently ease and push the glass into the location points under the handle before lowering and sliding the glass into position under the hinge location points at the rear.

Ensure the glass is properly located and the text 'This way up' is facing towards you and at the top edge of the door.



Do not attempt to use the oven without the glass being in place.

CLEANING THE GRILL AND OVEN FURNITURE

All removable parts, except the grill pan handle can be washed in the dishwasher.

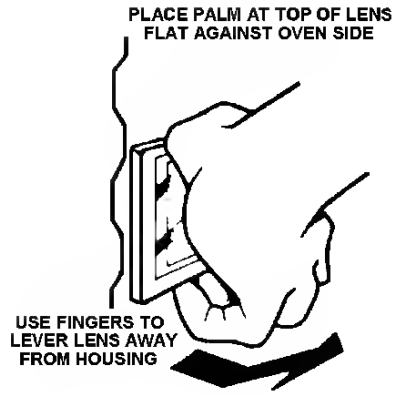
The grill pan, grill pan grid, meat tin, grill deflector and oven shelves may be cleaned using a soap impregnated steel wool pad. Soaking first in hot soapy water will make cleaning easier.

REPLACING AN OVEN LIGHT BULB

The type of bulb required is a 300°C 25 watt small Edison Screw.
(Available through Service Force Centres).

Disconnect the appliance from the electricity supply before replacing the bulb.

1. Make sure the appliance is cool before replacing the bulb.
2. Open the oven door and remove the shelves.
3. Pull the glass bulb cover towards you and then pull it off. If necessary, use a screwdriver to carefully lever off the cover, taking care not to damage the oven cavity.
4. Unscrew the bulb by turning it to the left.
5. Fit a new bulb and then replace the glass bulb cover.
6. Replace the oven shelves.
7. Restore the electricity supply and reset the time of day.



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автоматично під час початкового встановлення телевізора. Щоб змінити порядок радіоканалів, перегляньте *Розділ 6.3 Упорядкування каналів*.

1. Натисніть кнопку **OK** на пульті дистанційного керування. З'явиться меню **All channels** .
2. Виберіть радіоканал, використовуючи кнопки з цифрами.
3. Натисніть **OK**.

5.10 Оновлення програмного забезпечення телевізора

Компанія Philips постійно вдосконалює свої вироби, тому ми рекомендуємо вам оновлювати програмне забезпечення вашого телевізора, коли такі оновлення з'являються. Перевірити наявність оновлень можна на веб-сайті www.philips.com/support.

Перевірка поточної версії програмного забезпечення

1. Натисніть кнопку **MENU** на пульті дистанційного керування і виберіть **Install ▸ Current software info**.

Оновлення програмного забезпечення (для цифрового мовлення)

У разі використання технології цифрового мовлення (DVB-T) ваш телевізор отримує оновлення програмного забезпечення автоматично. Якщо на екрані з'явилося повідомлення з проханням дозволити оновлення програмного забезпечення, виконайте такі дії:

- щоб оновити програмне забезпечення негайно, виберіть варіант **Now** (рекомендовано);
- щоб оновити програмне забезпечення пізніше, отримавши відповідне нагадування, виберіть варіант **Later**;
- якщо ви не бажаєте оновлювати програмне забезпечення, виберіть варіант **Cancel** (не рекомендується).

UK

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5.3 IEEE 802.11b WEP Security

The IEEE 802.11b standard includes a Shared Key data privacy mechanism, called Wired Equivalent Privacy

Features of WEP are:

- Data encryption using a 64 bit shared key
- No key distribution mechanism. The shared key (password) must be distributed manually to all personnel and either be remembered or stored somewhere on the hard disk.
- Simple authentication of clients based on a challenge / response mechanism, using the shared key and the hardware address.

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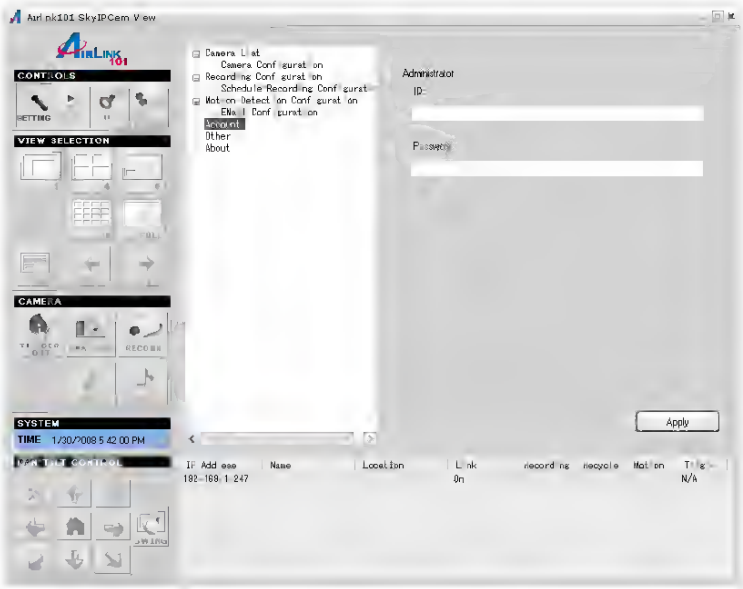
- **Mail From:** Enter the email address of the user who will send the email. For example, John@mymail.com.
- **Mail To:** Enter the email address of the user who will receive the email.
- **User Name:** Enter the user name to login the mail server.
- **Password:** Enter the password to login the mail server.
- **Subject:** Enter a subject for the notification email.

Account

You can set a username and password for the camera here.



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Setting Up the External Storage Hardware

IMPORTANT: The RA4100 is shipped with a single RAID controller. Each RA4100 array used in Compaq ProLiant Clusters for SCO UnixWare 7 requires an additional, redundant controller.

NOTE: The Quick Install automatically configures an RA4100 drive with a RAID 1 9.1-GB UnixWare partition, even if the disk drive is larger than 9.1-GB. This partition cannot be modified and other UnixWare disk drive partitions cannot be added to this disk drive. After the Quick Install is completed, non-UnixWare partitions can be added up to the maximum capacity of the disk drive, or other disk drives can be installed for additional UnixWare partitions.

The U/300 cluster for the ProLiant ML370 server uses external storage with the following components:

- RA4100 storage subsystem
- Two Compaq StorageWorks RAID Array 4000 (RA4000) controllers, one included in the RA4100 storage
- Two GBIC-SWs, one in each controller
- Two 9.1-GB or larger disk drives
- Fibre Channel cables

To configure the external storage for the U/300 Quick Install cluster, set up the RA4100 storage subsystem according to the following steps:

1. Follow the set-up instructions in the documentation that comes with the subsystem to set up the RA4100.

   Review the section, "Fibre Channel Cable Precautions," later in this chapter for general information.

2. Refer to the user guide for the RA4100 for disk drive RAID array options and considerations.

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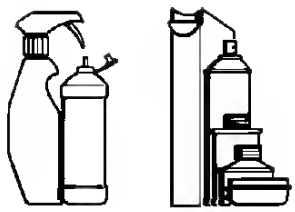
CARE AND CLEANING

BEFORE CLEANING THE OVEN ALWAYS ALLOW THE COOLING FAN TO COOL THE OVEN DOWN BEFORE SWITCHING OFF THE ELECTRICITY SUPPLY.

CLEANING MATERIALS

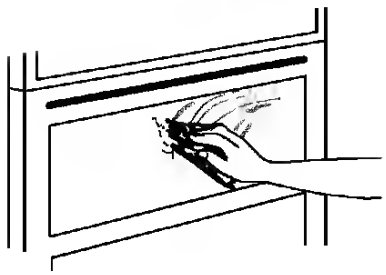
Before using any cleaning materials on your appliance, check that they are suitable and that their use is recommended by the manufacturer.

Cleaners that contain bleach should NOT be used as they may dull the surface finishes. Harsh abrasives and scourers should also be avoided as damage will occur.

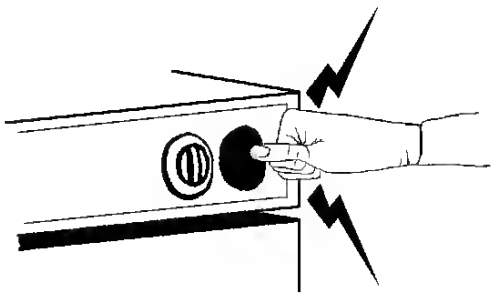


CLEANING THE OUTSIDE OF THE OVEN

Regularly wipe over the control panel, oven doors and handles using a soft cloth and hot soapy water. To prevent streaking finish with a soft cloth.



Do not attempt to remove any of the control knobs from the panel as this may cause damage and is a safety hazard.



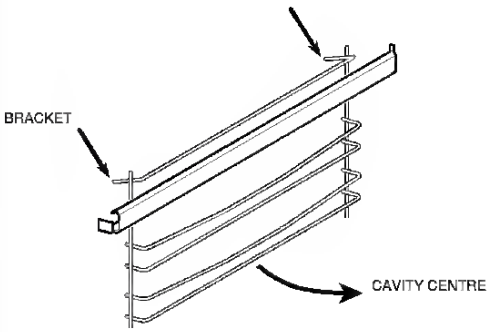
Under no circumstances should the door assembly be detached from the product for cleaning. Please refer to the cleaning instructions.

Model D4100-1M/A only

Stainless steel cream cleaners can be abrasive and should be avoided as damage to the surface finish can occur. Washing up liquid and hot water or liquid stainless steel cleaners such as Homecare Stainless Steel Cleanser and Polish may be used to remove fingermarks.

REMOVING AND REPLACING WIREWORK SIDE RUNNERS

Remove all shelves and furniture from the oven. If fitted ensure the telescopic runners are pushed back into place in the oven cavity. Hold the bottom of the wirework runners and draw the runners towards the centre of the oven. Unhook from the top and remove.



The telescopic runners should be dried carefully after washing in hot water to which washing up liquid has been added. If heavily soiled mild abrasives may be used.

To replace the runners, hook the wirework side runner into the cavity, slide back and press into place.

Ensure the wirework runners are firmly in position before replacing the oven shelves.

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English

H. Position (Horizontal position)	• Press ◀ to move the image left. • Press ▶ to to move the image right.
V. Position (Vertical position)	• Press ◀ to move the image down. • Press ▶ to move the image up.
Frequency	"Frequency" changes the projector's refresh rate to match the frequency of your computer's graphics card. If you can see a vertical flickering bar in the projected image, use this function to make the necessary adjustments.
Tracking	Synchronizes the signal timing of the projector with the graphics card. If you experience an unstable or flickering image, use this function to correct it.
Sharpeness	Adjusts the sharpness of the image. • Press ◀ to decrease the sharpness. • Press ▶ to increase the sharpness.

Note: "H. Position", "V. Position", "Frequency" and "Tracking" functions are not supported under HDMI or Video mode.

Note: "Sharpness" functions is not supported under HDMI and Computer mode.

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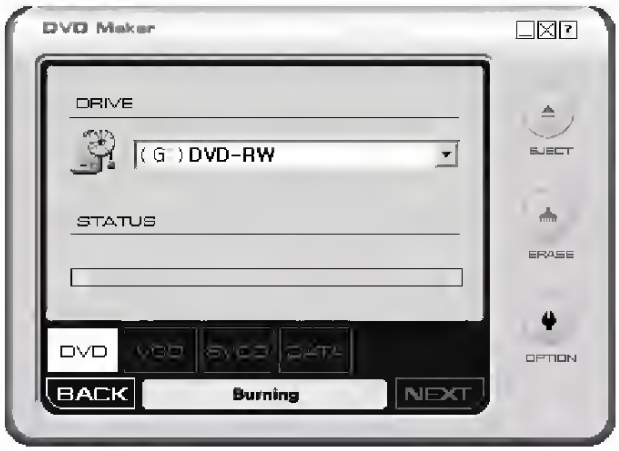
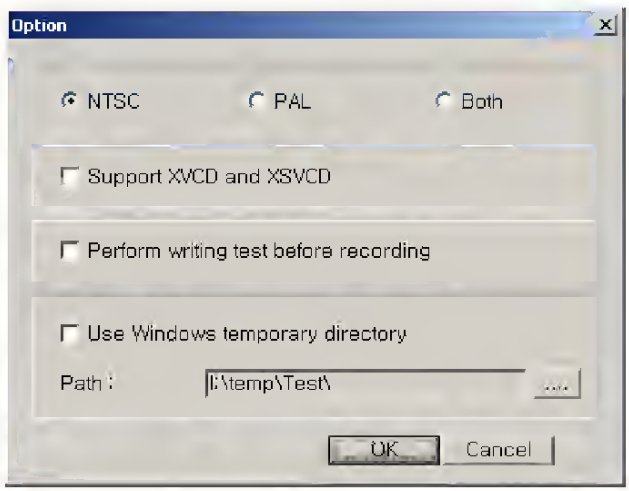
4. Click **Next** to accept the default background image for your DVD Title page, or click **Background** BACKGROUND to choose an image. Click **Background** again after you have selected your background image and click **Next**.

8.2 Burning



If you wish to go back and modify your selections, click the back button BACK.

1. Select the DVD/CD burner to use.



2. : Click the **Option** button to edit the options.

- **Select your video system**: NTSC, PAL, or Both

- **Support XVCD and XSVCD**: Data rate is not checked in order to support XVCD and XSVCD.

- **Perform writing test before recording**: Check to ensure that the DVD/CD burner is functioning properly before actual burning.

- **Use Windows temporary directory**: (Default) Uses Windows temporary directory as DVD Maker's temporary directory.

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10. Remove the screws to remove the main board. (Fig 15-16)

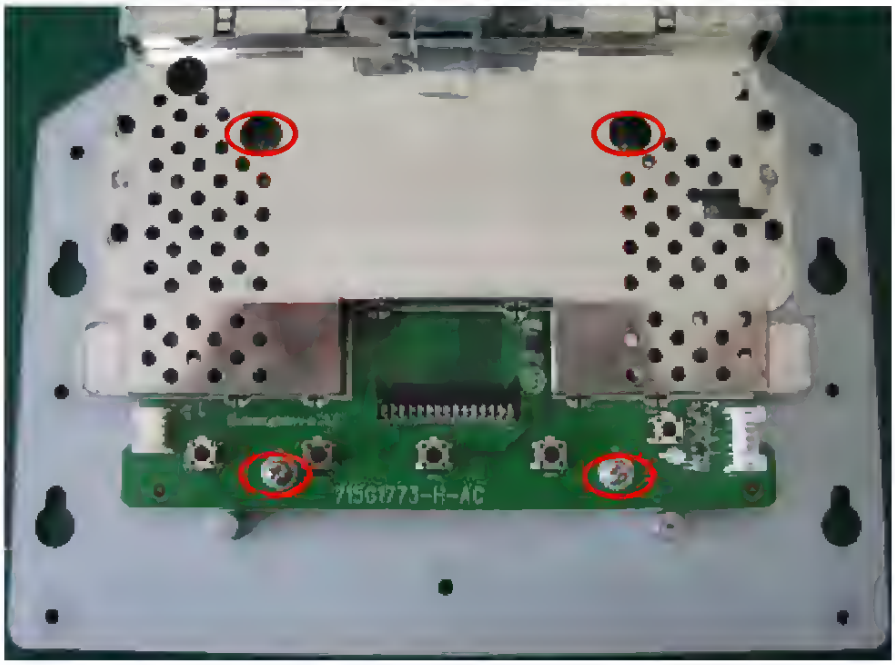

Fig 15

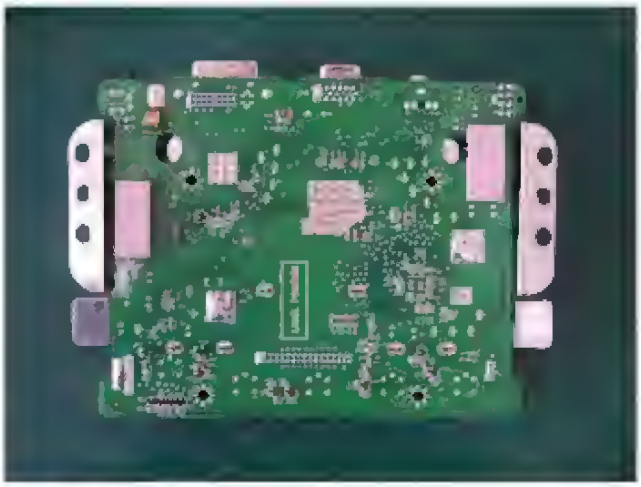

Fig 16

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Troubleshooting

If you experience trouble with the projector, refer to the following information. If the problem persists, please contact your local reseller or service center.

Problem: No image appears on screen.

- Ensure all the cables and power connections are correctly and securely connected as described in the "Installation" section.
- Ensure the pins of connectors are not crooked or broken.
- Check if the projection lamp has been securely installed. Please refer to the "Replacing the lamp" section.
- Make sure you have removed the lens cap and the projector is switched on.
- Ensure that the "Hide" feature is not enabled.

Problem: Partial, scrolling or incorrectly displayed image.

- Press the "Resync" button on the Remote Control.
- If you use a PC:
  If the resolution of your computer is higher than 1400x1050. Follow the steps outlined below to reset the resolution.

  For Windows 3.x:
  1. In the Windows Program Manager, click the "Windows Setup" icon in the Main group.
  2. Verify that your display resolution setting is less than or equal to 1400x1050.

  For Windows 95, 98, 2000, XP:
  1. Open "My Computer" icon, the "Control Panel" folder, and then double click on the "Display" icon.
  2. Select the "Setting" tab.
  3. In the "Desktop Area" you will find the resolution setting. Verify that the resolution setting is less than or equal to 1400x1050 resolution.

  If the projector is still not projecting the whole image, you will also need to change the monitor display you are using. Refer to the following steps.

  4. Follow the above steps 1-2. Click on the "Advanced Properties" button.
  5. Select the "Change" button under the "Monitor" tab .

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Glossary to Television Terms

Coaxial Cable • A single solid antenna wire normally matched with a metal plug (F-type) end connector that screws (or pushes) directly onto a 75 Ohm input found on the Television or VCR.

Closed Caption • Broadcast standard which allows you to read the voice content of television programs on the TV screen. Designed to help the hearing impaired this feature uses onscreen "text boxes" to show dialogue and conversations while the TV program is in progress.

Direct Audio/Video Inputs • Located on the rear of the TV these connectors (RCA phono type plug) are used for the input of audio and video signals. Designed for use with VCRs (or other accessories) in order to receive higher picture resolution and offer sound connection options.

Identify • Method by which a remote control searches and finds an operating code for another product (such as a VCR or Cable Converter). Once the code has been "identified" then the TV remote can operate and send commands to the other product.

Onscreen Displays (OSD) • Refers to the wording or messages generated by the television (or VCR) to help the user with specific feature controls (color adjustment, programming, etc.).

Menu • An onscreen listing of feature controls shown on the Television screen that are made available for user adjustments.

Multichannel Television Sound (MTS) • The broadcast standard that allows for stereo sound to be transmitted with the TV picture.

Programming • The procedure of adding or deleting channel numbers into the Television's memory circuits. In this way the Television "remembers" only the locally available or desired channel numbers and skips over any unwanted channel numbers.

Remote Sensor Window • A window or opening found on the Television control panel through which infrared remote control command signals are received.

Setup Mode • Automatic feature control settings made by the TV. Designed for first time setup and use. Settings for signal connections (antenna or cable TV), plus channel program memory are held in the TV's memory (even if the set is unplugged and moved to a new location.)

Status • Allows the user to quickly confirm what channel number is currently being viewed. Status can also be used to clear the Television of onscreen displays or information (rather than waiting for the displays to "time out" or automatically disappear from the screen).

Twin Lead Wire • The more commonly used name for the two strand 300 Ohm antenna wire used with many indoor and outdoor antenna systems. In many cases this type of antenna wire requires an additional adapter (or balun) in order to connect to the 75 Ohm Input terminals designed into the more recent Televisions and VCRs.

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八、Insert the battery and cover the battery cover。

The process of assemble is over.

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II. Appropriate Tools for Reference

The illustrations below show the appropriate tools that should be used for the phone's service and repair.

(1) Screwdriver

(2) Tweezers

Use a pair of tweezers to remove/insert cables.

(3) Disassembly Blade

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maintenance & service guide

Presario 1600XL Series

Model 1600T, 1600-XL140, 1600-XL141, 1600-XL142, 1600-XL143, 1600-XL144, 1600-XL146, 1600-XL147, 1600-XL150 XL156, XL157, XL255, XL256, XL257, and XL258

Pin Assignments

This appendix provides connector pin assignment tables for Compaq Presario 1600XL Series Portable Notebooks. For more information on connectors, refer to the section on Rear Connectors.

Note: The signals in all tables of this appendix are considered active high unless otherwise indicated by an asterisk (*).

Parallel Connector

Pin	Signal	Pin	Signal
1	Strobe*	10	Acknowledge*
2	Data Bit 0	11	Busy
3	Data Bit 1	12	Paper Out
4	Data Bit 2	13	Select
5	Data Bit 3	14	Auto Linefeed*
6	Data Bit 4	15	Error*
7	Data Bit 5	16	Initialize Printer*
8	Data Bit 6	17	Select In*
9	Data Bit 7	18-25	Signal Ground

* = Active low

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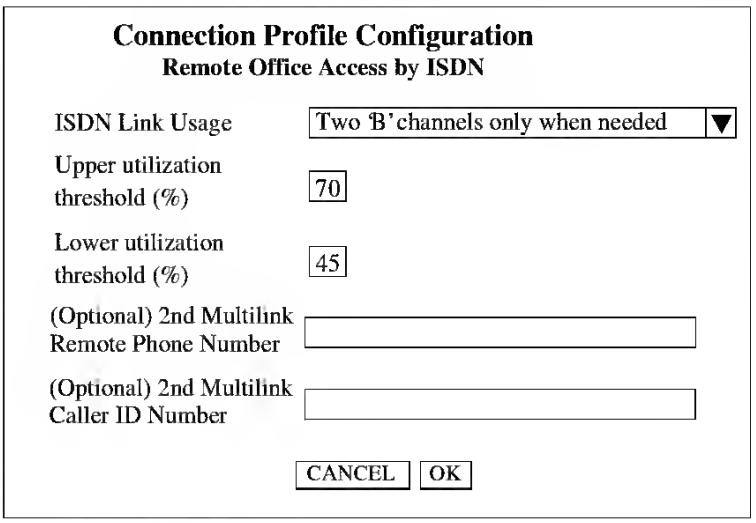
Step 4 Click **APPLY and TEST**.



ISDN Link Usage: determines how the AcerRouter 700 utilizes the two B channels in your ISDN connection. Options are:

-**One B Channel Only:** the AcerRouter 700 will only use one B channel, regardless of the traffic.

-**Two B Channels Only When Needed:** the AcerRouter 700 will initiate a connection with one B channel, and only bring up the other B channel if the traffic increases beyond the capacity of the first B channel.

-**Always two B Channels:** the AcerRouter 700 will always use both B channels, regardless of traffic.

Note: Availability of multiple B channels depends on the capabilities of the re mote site. Using an additional B channel may mean additional cost. The same phone number will be used for both channels. Make sure the ISDN subscription specifies a hunt group for the two ISDN B channels.

Depending on the selection of the ISDN link usage, the following options may be offered.

Two 'B' channels only when needed

-**Upper utilization threshold:** determines when the AcerRouter will activate the second 'B' channel

-**Lower utilization thresbold:** determines when the AcerRouter will drop the second "B" channel call

-**Optional 2nd Multilink Remote Phone Number:** required if the remote site requires two separate numbers for dial in access

-**Optional 2nd Multilink Caller ID Number:** if the user wants to authen ticate a second Multilink channel using Caller ID.

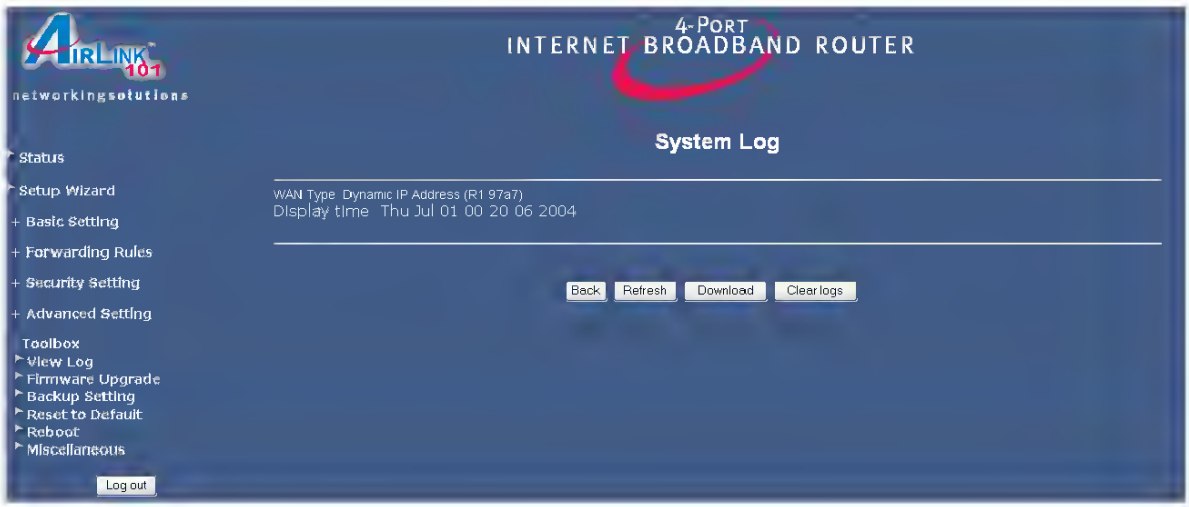
One 'B' channel only

Step 5 Click **OK** to return to the previous screen.

5.6 Toolbox

5.6.1 View Log

This page allows you to view the System Log.



Back: Returns to the previous page.

Refresh: Updates the log.

Download: Saves the log to a specified location.

Clear logs: Deletes the log from the system.

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folder name will be highlighted inside of an editing box.

6. Type in the new name for the folder, and press the Return (8) key on the keyboard.
   The new name will appear next to the folder and will be changed on the Player.
7. When you have finished and want to disconnect the Player from your PC, single-click on the "Safely Remove Hardware" icon in the System Tray at the right-hand end of the Windows Taskbar (located at the bottom of the screen), and then single-click on "Safely Remove USB Mass Storage Device – Drive (E:).
   After a few seconds, a text bubble will appear tell you that it is safe to remove the connection between the Player and the PC.

Digital Rights Management (DRM)

DRM (Digital Rights Management) is new technology for securing WMA files. This standard is in common use by on-line music stores that allow you to purchase music on a one-off basis or via a fixed-price monthly contract.

This Player *DOES NOT* support files secured with the DRM technology; only *unsecured* WMA files can be played.

Technical Specification

Dimensions	58mm x 40mm x 8mm (H x W x D)	
Weight	25 grams	
Flash memory size	128Mb-1Gb (depending on model purchased)	
PC connection	USB2.0 (FS) Read: 1000Kb Write: 1000-900Kb	
OLED Screen Size	96 x 26 pixels (Width x Height)	
On-Board Battery	Max Play time = 10 hours	
Acceptable Music formats	MP3, WMA	
Record	***Sample rate:***	8Khz
	Recording formats:	WAV

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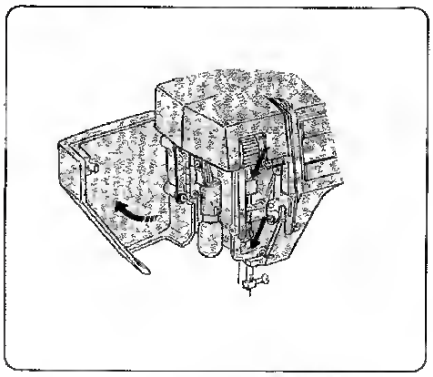
Oiling the Machine

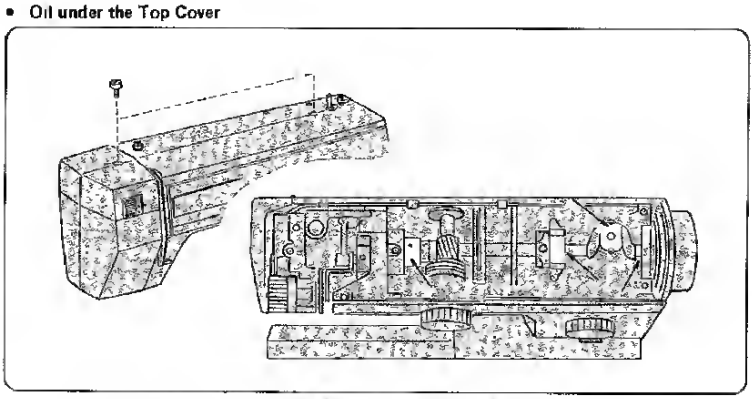
Oil the machine in all areas shown on the next two pages at least once a year; otherwise the machine can become sluggish or will knock loudly. If you use the machine frequently, oil the machine under the top cover about every three months. In case machine is not used for an extended time, oil it before sewing. Use good quality sewing machine oil. One or two drops of oil is sufficient. Remove excess oil, otherwise it may stain fabric.

- **Oil behind the Face Cover Plate**



Open face cover plate and oil points in illustration. Use only a drop of oil; do not over-oil.

- **Oil under the Top Cover**



Remove top cover plate to oil points indicated in top of machine head. To remove cover plate, loosen up two top screws and lift the cover plate as illustrated.

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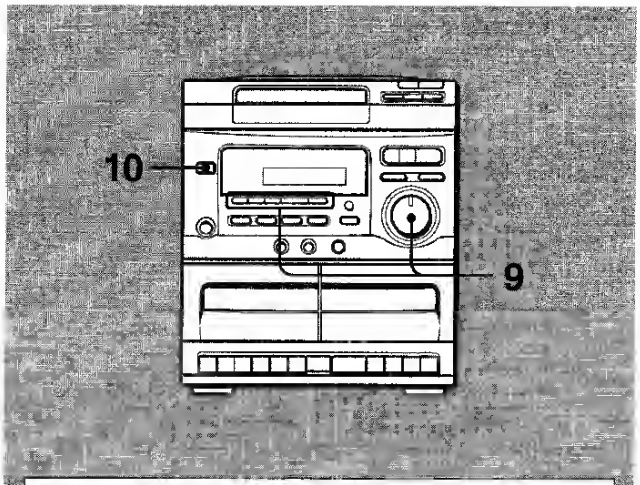
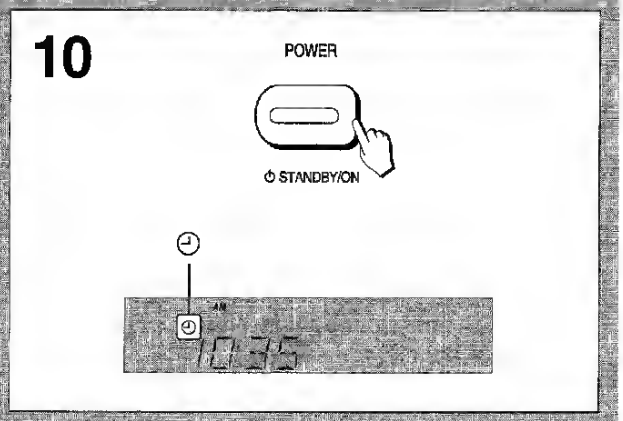
TIMER SETTING





9 Adjust the volume and tone.

10 Press the POWER button to turn the unit power off.

Only ⏲ is displayed, and the unit enters the timer standby mode. When the timer-on time is reached, the unit is turned on and play begins in the selected source.

11 Get ready for the TAPE function or the timer recording.

To listen to the tape
Press the ▷ button.

To record the source
Press the ● button on deck 1.

The timer recording period and tape length
When the length of the tape to be recorded is shorter than the timer recording period, the ● button on deck 1 is released before the timer is off.
When the tape length is longer than the timer recording period, the ● button is not released. If the ● is not released for a long time, the tape in the deck may be damaged. Press the ■ / ⏏ button to release the ● button.

To cancel the timer standby mode temporarily
While pressing the SHIFT button, press the TIMER button so that ⏲ goes out in the display.
To restore the timer standby mode, press the TIMER button while pressing the SHIFT button to display ⏲

If using the unit after setting the timer
After setting the timer, you can use the unit. After using the unit, check whether the contents in steps 8 and 9 are set as you wish, turn off the power and set step 11 if necessary.

To change the specified time and function
Repeat all the steps again.

To check the specified contents
While pressing the SHIFT button, press the TIMER button. The timer-on time is displayed for 4 seconds.

NOTICE

- If the power is on, the timer will not work .
- The timer-on time cannot be set during recording.
- While setting the current time, the timer does not work.
- The connected equipment cannot be turned on and off by the built-in timer of this unit.
- The timer-on period is not displayed after setting.

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4. While continuing to hold the COPY button, enter the destination Song number to which the source Song should be copied using the number or INC/DEC buttons.
5. While you continue to hold the COPY button down, press PLAY. The copy is complete, and the display says **COPY DONE**.
6. Release the COPY and PLAY buttons.

Notes
• If the destination Song was empty, the copy is identical to the source Song.
• If the destination Song was not empty, then the source Song is appended to the end of the destination Song. This increases the destination Song's length by the length of the source Song; if the total destination Song length would exceed 254 steps after copying, the copy will not take place, and the display will say **SONG TOO LONG**.

5.4J Copy a Song to Another SR-16 Via MIDI

The SR-16 can send Song system exclusive information to another SR-16 via MIDI. If you have only one SR-16, you can skip this section.

1. The source SR-16 should be in Song mode and stopped. Connect the source SR-16 MIDI out to the destination SR-16 MIDI in.
2. Select the Song to be copied.
3. Press and hold the COPY button, and keep holding it down until step (5). The display says **COPY TO SONG**.
4. Do not enter any destination Song number—just press PLAY to send the data out over MIDI. It will end up in whatever Song number had been selected at the receiver. If the Song was not empty, the new Song steps will be appended to the existing Song steps.
5. Release the COPY and PLAY buttons.

Caution: This does not transfer Pattern information, only the song steps. To transfer Patterns to another SR-16, see section 3.3D and 3.3E.

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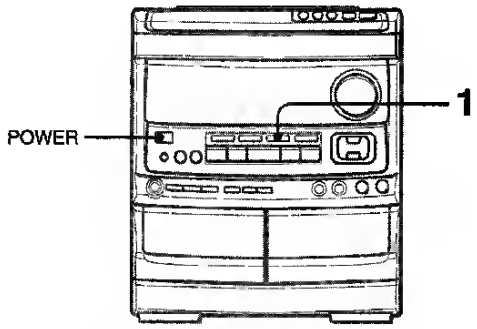
ESCUCHA DE FUENTES DE SONIDO EXTERNAS



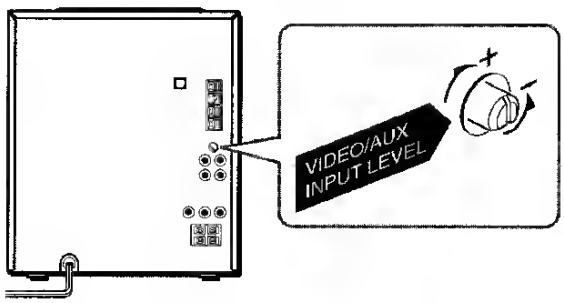
Para hacer la reproducción en el equipo conectado a las tomas VIDEO/AUX, siga al procedimiento siguiente:

1 Pulse el botón VIDEO/AUX.
VIDEO aparacará en el visualizador.

2 Haga la reproducción en el equipo conectado.

Para cambiar el nombre de una fuente de sonido en el visualizador
Cuando sa pulsa el botón VIDEO/AUX, VIDEO sa visualizará inicialmente. Esto podrá ser cambiado por AUX o TV.
Cuando la alimentación esté conectada, pulse el botón POWER mientras pulsa el botón VIDEO/AUX
Rapita el procedimiento para seleccionar uno de los nombres.

Para ajustsr el nivel del sonido de ls fuente de sonido externa
Cuando al nivel del sonido de la fuante axterna sea muy superior o muy infarior al nival del sonido de otras fuentas de sonido, ajústelo de la forma siguiente:
1 Pulsa al botón VIDEO/AUX y haga la reproducción en el equipo.
2 Gire el control VIDEO/AUX INPUT LEVEL del panal trasaro hasta qua al nival del sonido sea el mismo que el de otras fuentes de sonido



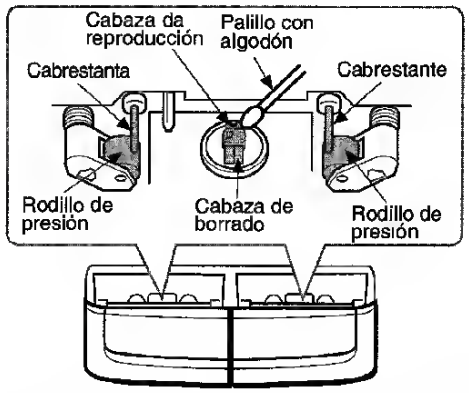
NOTA
No conecte simultàneamente un equipo a los terminales LINE OUT y VIDEO/AUX. Da otra forma, sa producirán ruidos y avarias.

CUIDADOS Y MANTENIMIENTO

El mantenimiento y el cuidado ocasional da la unidad y del software resultan necasarios para optimizar las prestaciones da su unidad.

Para limpisr ls caja
Utilice un paño blando y seco.
Si las superficias astán muy suclas, utilice un paño suave humadacido un poco en una solución de detergente suave. No utilica disolventes fuertes tales como alcohol, bancina o diluyente porque éstos podrían astropear el acabado de la unidad.

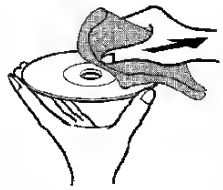
Para limpiar las cabezas y los puntos por donde pasa la cinta
Después de cada 10 horas de funcionamiento, limpie las cabezas y los puntos por donde pasa la cinta con un casete de limpieza da cabazas o un palillo con algodón humedacido con líquido de limpiaza o alcohol dasnaturalizado. (Estos juagos da limpieza puedan adquirirse en los comercios del ramo.)
Cuando limple con un palillo con algodón, limpie la cabeza de grabación/reproducción, la cabeza de borrado (platina 2 solamenta), los cabrastantas y los rodillos de presión.



Daspués da limpiar las cabazas y los puntos por donde pasa la cinta con un casete de limpieza de cabezas que emplee líquido o un palillo con algodón humedecido en líquido de limpieza, espere hasta que las partes limpiadas estén completamente secas antes de introducir las cintas.

Para desmagnetizar las cabezas
Las cabazas sa magnatizan daspués de utilizarlas durante mucho tiempo. Esto puede reducir la gama da salida da las cintas grabadas y aumantar al ruido. Después de 20 a 30 horas de utilización, desmagnetice las cabezas con un desmagnetizador de venta en el comarcio dal ramo.

Cuidsdo de los discos
- Cuando un disco esté sucio, límpialo pasando un paño de limpieza desde el centro hacia afuera.



- Después de reproducir un disco, guárdelo en su caja. No deje los discos en lugares calientas o húmados

Cuidados de las cintas
- Guarde las cintas an sus cajas después de utilizarlas.
- No deje las cintas cerca de imanes, motores, televisores o cualquier otra fuente de magnetismo. Esto reducirá la calidad del sonido y causará ruidos.
- No exponga cintas a la luz diracta del sol, ni las daje an el intarior da un automóvil astacionado bajo la luz diracta dal sol.

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Tasks

Use Tasks to keep track of what you have to do and prioritise them based on their importance and urgency.

To open Tasks

- Tap then, Tasks.
  Tasks will open to the Tasks list.

NOTE: To change the way information is displayed in the list, tap Tools and then Options.

Creating a task

1 Tap New.

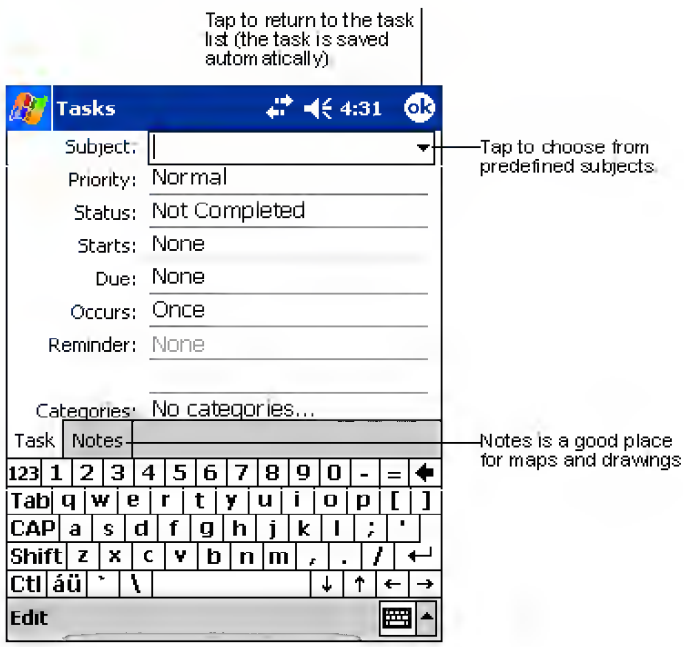
2 Using the input panel, enter a description.

3 You can enter a start date and due date or enter other information by first tapping the field.
If the input panel is open, you will need to hide it to see all available fields.

4 To assign the task to a category, tap Categories and select a category from the list.
In the task list, you can display tasks by category.

5 To add notes, tap the Notes tab.

You can enter text, draw, or create a recording. For more information on creating notes, see "Notes" later in this chapter.



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USB connector

- Micro USB port

Power

- DC power-in (5 V, 2 A)
- Qualcomm Quick Charge 2.0 Class A charging supported

Note
Requires a compatible charger that can be purchased separately.

Connectivity

- Bluetooth 4.0
- 802.11a/b/g/n wireless LAN
- GPS; GLONASS

Camera

- Front camera
  - 2-megapixel
  - HD audio/video recording
- Rear camera
  - 5-megapixel
  - Full HD audio/video recording

Expansion

- microSD card slot (up to 128 GB)

Battery

- 17.3 Wh 4550 mAh 3.8 V 1-cell Li-ion battery pack

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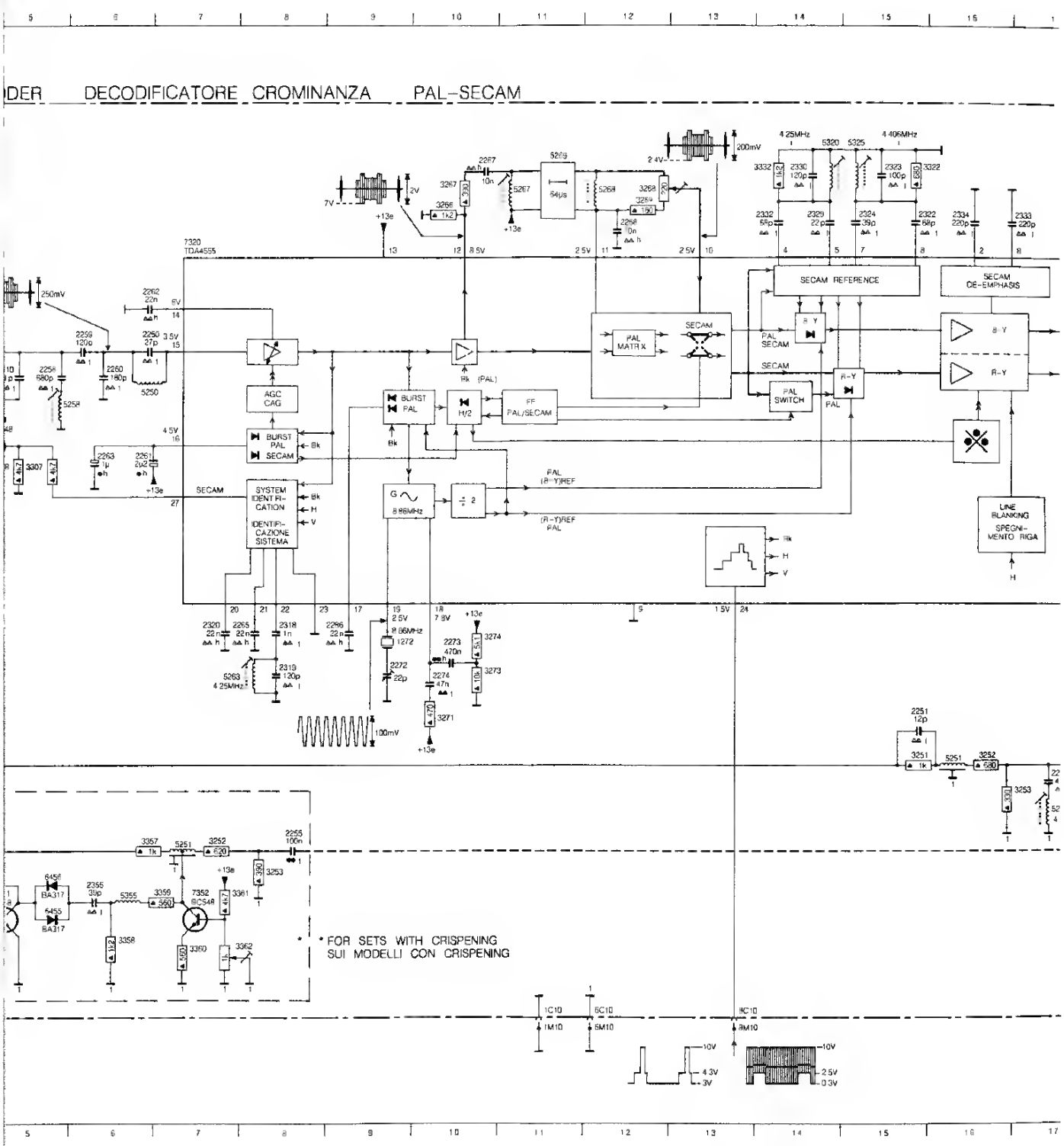

For Service Manuals
MAURITRON SERVICES
8 Cherry Tree Road, Chinnor
Oxfordshire, OX9 4QY.
Tel (01844) 351694
Fax (01844) 352554
email:- sales@mauritron.co.uk

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Table 3-2
POST Error Messages

Error Code	Audible Beeps	Probable Source of Problem	Action
A Correctable Memory Error occurred prior to this power-up	None	A memory module has experienced an error that, while recoverable, has generated a predictive failure warning.	Run Compaq Diagnostics to identify the failed memory module, and then replace it.
A Cntical Error occurred prior to this power-up	None	A catastrophic system error, which caused the server to lock up or stop responding, has been logged.	Run Compaq Diagnostics. Replace failed assembly as indicated.
Beeps only	2 long	No valid memory is present in the system.	1. If no memory modules are present, install at least one memory module to conform to minimum hardware configuration specifications 2. Reseat all installed memory modules. 3. If the system contains more than one memory module, remove one module, and restart the server. Repeat as needed to isolate the bad memory module.
Beeps only	2 long, 2 short	The power has cycled because the temperature is too hot. The processor fan is not installed, or is not spinning.	Check fans.
Critical Fan Failure Detected – System Shutting Down System Halted	None	A critical fan is not spinning.	1. Check fans. 2. Check fan cable connections.

continued

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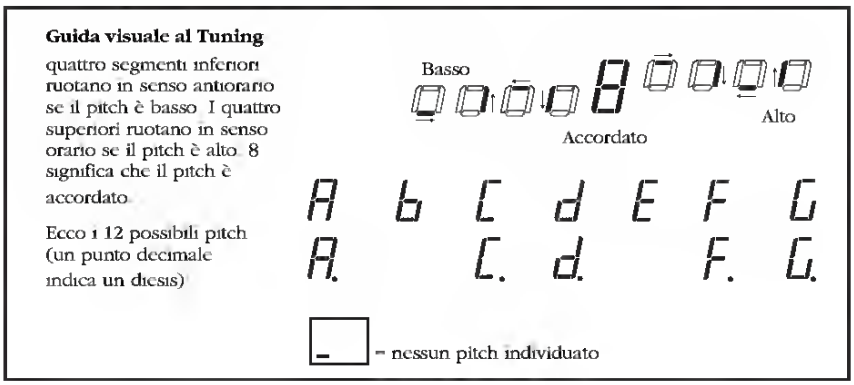
Uso del tuner incorporato

Premere contemporaneamente i tasti **Program Up** e **Program Down** – oppure entrambi i tasti a pedale – per più di mezzo secondo per entrare in modalità Bypass e Mute.

Suonate la corda d'apertura che desiderate accordare. Durante l'accordatura servitevi della seguente guida:


Guida visuale al Tuning
quattro segmenti inferiori ruotano in senso antiorario se il pitch è basso. I quattro superiori ruotano in senso orario se il pitch è alto. 8 significa che il pitch è accordato.
Ecco i 12 possibili pitch (un punto decimale indica un diesis)
Basso
Accordato
Alto
A b C d E F G
A. C. d. F. G.
– nessun pitch individuato

Accordare ad un pitch diverso da A=440

Girando la manopola VALUE durante l'uso del tuner, il display visualizza l'impostazione del riferimento del pitch del Bassfire, che è impostata a 440Hz (illustrata 40) per la nota A sopra alla C di mezzo. Il set di valori possibili per questa impostazione è da 35 a 45, che rappresentano 435Hz a 445Hz.

Accendendo e spegnendo nuovamente il Bassfire, il pitch di riferimento viene impostato nuovamente a 440Hz.

7-51-0170-A

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◆ BLACK LEVEL (COMPONENT OUT)

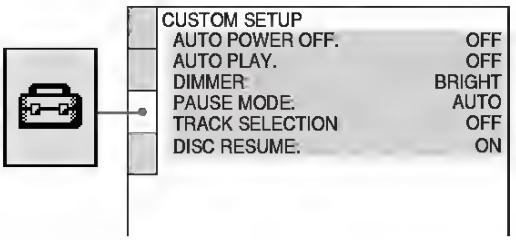
Selects the black level (setup level) for the video signals output from the COMPONENT VIDEO OUT jacks.

ON	Sets the black level of the output signal to the standard level.
OFF	Lowers the standard black level. Use this when the picture becomes too white.

Custom Settings (CUSTOM SETUP)

Use this to set up playback related and other settings.

Select "CUSTOM SETUP" in the Setup Display. To use the display, see "Using the Setup Display" (page 49).
The default settings are underlined.



◆ AUTO POWER OFF

Switches the Auto Power Off setting on or off.

OFF	Switches this function off.
ON	The player enters standby mode when left in stop mode for more than 30 minutes.

◆ AUTO PLAY

Switches the Auto Play setting on or off. This function is useful when the player is connected to a timer (not supplied).

OFF	Switches this function off.
ON	Automatically starts playback when the player is turned on.

◆ DIMMER

Adjusts the lighting of the front panel display.

BRIGHT	Makes the lighting bright.
DARK	Makes the lighting dark.

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B03 Peripheral

B03

MT5365

NAND Flash

NAND 2Gb MBytes

STRAPPING

SYSTEM EEPROM

27MHz CRYSTAL

Reset IC

2nd I2C

3rd I2C

3.3V IO Power

Core Power

Table 4-6: ISA bus - CN3 cross reference table (ISA bus pin C)

ISA bus Pin	Signal	CN3 Pin	Signal
C1	SBHE	59	SBHE
C2	LA23	37	LA23
C3	LA22	35	LA22
C4	LA21	108	LA21
C5	LA20	106	LA20
C6	LA19	34	LA19
C7	LA18	107	LA18
C8	LA17	33	LA17
C9	MEMR	60	MEMR
C10	MEMW	130	MEMW
C11	SD8	49	SD8
C12	SD9	52	SD9
C13	SD10	50	SD10
C14	SD11	51	SD11
C15	SD12	55	SD12
C16	SD13	54	SD13
C17	SD14	53	SD14
C18	SD15	57	SD15

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- Ärge vabetage mitte-käigultvabetatavaid komponente, kui seadme toide on sisse lülitatud. Lülitage kõigepealt toide välja ning ühendage lahti kõik vahelduvvoolu toitekaablid.
- Ärge tebke detailsemat remonti kui toote dokumentatsioonis kirjeldatud protseduurid ette näevad. Kõik kirjeldatud diagnostika- ja remondiprotseduurid lubavad remonti ainult mooduli- või alamsüsteemitasemel. Üksikute plaatide ja alamsüsteemide keerukuse tõttu ei ole lubatud üritada nende remonti komponenditasemel või muudatuste tegemist ühelgi trükkplaadil. Sobimatu remont võib muuta seadme ohtlikuks.
- Põrandal seisvate toodete pubul paigaldage ja reguleerige stabiliseerimistoed enne lisaseadmete ja -plaatide paigaldamist.
- Veenduge, et püstikut toitev elektrivõrgu haru ei ole ülekoormatud. Nii vähendate kebavigastuste, tulekahju ja seadmekahjustuste ohtu. Püstiku kogutarbimine ei tobiks ületada 80% haru nimikoormusest. Konsulteerige oma hoonete elektrivarustust haldava energiaettevõttega.

Toiteseadmetega seotud ettevaatusabinõud

Toitekaablid

Elektrilöögi ja seadmekahjustuste ohu vähendamiseks:

- Kasutage beakskiidetud toitekaablit.
- Kui toote või koos sellega kasutamiseks mõeldud vahelduvvoolutoitelise lisaseadme komplekti ei kuulu toitekaablit, hankige oma riigis kasutamiseks heakskiidetud toitekaabel.
- Toote jaoks tuleb kasutada sobivat toitekaablit, mille nimivool ja -pinge vastavad toote toiteandmete sildil märgitule. Kaabli nimivool ja -pinge peavad ületama toote toiteandmete sildil märgituid.
- Kui teil on küsimusi kasutatava toitekaabli tüübi kohta, siis võtke übendust HP volitatud teenusepakkujaga.
- Ärge asetage esemeid toitekaablitele. Paigutage kaablid nii, et keegi ei saaks neile kogemata peale astuda või komistada.
- Ärge tõmmake kaableid. Kaabli lahtiühendamisel võrgupesast hoidke kinni pistikust.
- Veenduge, et kõigi pikendusjuhtme või toitepaneeliga übendatud seadmete nimivoolude summa ei ületaks 80% pikendusjuhtme või toitepaneeli piirvoolust.
- Ärge blokeerige toitekaabli maanduskontakti. Maanduskontakt on täbtis ohutusvabend.
- Ühendage toitekaabel maandusega võrgupessa, mis on igal ajal kergesti ligipääsetav.

Toiteplokid

- Käigultvabetatavad toiteplokid ei ole mõeldud eemaldamiseks ega paigaldamiseks nii, et toiteplokk on übendatud vabelduvvooluvõrguga. Elektrilöögi ja seadmekahjustuste ohu vähendamiseks käigultvahetatavate toiteplokkidega töötamisel:
  - Paigaldage toiteplokk enne toitekaabli ühendamist toiteplokiga.
  - Ühendage toitekaabel lahti enne toiteploki eemaldamist tootest.
  - Kui süsteemis on mitu toiteallikat, tuleb süsteemi toite täielikuks labtiübendamiseks übendada toiteplokkide küljest lahti kõik vahelduvvoolutoitekaablid.
- Veenduge, et tootega ühendatav väline toiteallikas vastab toote toiteandmete sildil määratud toiteallika tüübile. Kui te pole kindel, milline toiteallikas on vajalik, konsulteerige HP volitatud teenusepakkuja või kohaliku energiaettevõttega.

Puhvertoiteallikad (UPS)

- Elektrilöögi ja seadmekahjustuste ohu vähendamiseks UPS-toodete paigaldamisel ja hooldamisel:
  - UPS-toodete lisaseadmeid peavad paigaldama ning toodet hooldama ja teenindama isikud, kes on teadlikud ohtlike elektriseadmetega töötamise reeglitest, ettevaatusabinõudest ja kaasnevatest ohtudest.
  - Kinnisühendusega UPS-tooted vajavad otseübendust selleks eraldatud võrguharuga. Ühenduse peaks tegema kvalifitseeritud elektrik, kooskõlas riikliku elektrikoodeksi (NFPA70) sättega 310 Põhja-Ameerikas või vastavate reeglitega teistes riikides.

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Compatibility modes

A. VGA analog

1 VGA analog - PC signal

Modes	Resolution	V. Frequency [Hz]	H. Frequency [kHz]
VGA	640 x 480	60	31.47
	640 x 480	72	37.86
	640 x 480	75	37.50
	640 x 480	85	43.27
	640 x 480	119.51	61.60
SVGA	800 x 600	56	35.20
	800 x 600	60	37.88
	800 x 600	72	48.08
	800 x 600	75	46.88
	800 x 600	85	53.67
	800 x 600	119.85	77.20
XGA	1024 x 768	60	48.36
	1024 x 768	70	56.48
	1024 x 768	75	60.02
	1024 x 768	85	68.67
	1024 x 768	119.804	98.80
SXGA	1152 x 864	70	63.80
	1152 x 864	75	67.50
	1152 x 864	85	77.10
	1280 x 1024	60	63.98
	1280 x 1024	72	77.90
	1280 x 1024	75	79.98
	1280 x 1024	85	91.15
QuadVGA	1280 x 960	60	60.00
	1280 x 960	75	75.00
SXGA+	1400 x 1050	60	65.32
	1400 x 1050	75	82.00
UXGA	1600 x 1200	60	75.00
PowerBook G4	640 x 480	60	31.50
	640 x 480	66.6 (67)	35.00
	800 x 600	60	37.88
	1024 x 768	60	48.36
	1152 x 870	75	68.68
	1280 x 960	75	75.20
i Mac DV (G3)	1024 x 768	75	60.30

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